DELL RAPIDS HIGH SCHOOL

COURSE DESCRIPTION BOOKLET

2017-2018

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GRADUATION REQUIREMENTS

Students must have 24 credits to graduate from Dell Rapids High School.

Dell Rapids High School students need the following to graduate:

- 4 credits of English Language Arts
- 3.5 credits of Social Studies
- 3 credits of Math*
- 3 credits of Science**
- 1 credit of Computer Science
- 1 credit of Fine Arts
- .5 credit of Physical Education
- .5 credit of Health (Students usually fulfill this requirement in middle school health – it is a transcripted course; however, the grade does not factor into students' GPA calculation.)
- 1 credit of the following – any combination –
    - Approved Career and Technical Education
    - World Language
    - Service Learning

* Upon faculty committee approval, a student may be excused from Algebra II or Geometry, but not both. Students are still required to take three units of math and at least one math course through the junior year.
** Upon faculty committee approval, a student may be excused from Chemistry or Physics. Students are still required to take three units of science and at least one science course through the junior year.

POST-SECONDARY SCHOOL ENTRANCE REQUIREMENTS

Entrance Requirements for State Colleges in South Dakota

Freshmen students entering a South Dakota public college in a baccalaureate degree program will be required to have completed the following courses in high school with a cumulative grade point average of a "C" or higher (2.0 on a 4.0 scale).

- 4 credits of English
- 3 credits of Advanced Math
- 3 credits of Laboratory Science
- 3 credits of Social Studies
- 1 credit of Fine Arts

Entrance Requirements for Other Colleges, In-State or Out-of-State

Be aware there may be additional entrance requirements at some colleges. If a student is considering a college out of state or a private college in state or out of state, the student should look at the individual college requirements. Consult the school counselor for further information.

Course Recommendations for Students Bound for Vocational and Technical Training

Those students interested in continuing their training in a vocational or technical school should consult information published by the schools. If you are having difficulty making a career choice, select a wide variety of courses. Consult the school counselor for further information.

GRADUATION REQUIREMENT CHECKLIST

English/Language Arts

English Language Arts I	1
English Literature II	.5
Speech	.5
English Language Arts III	1
English Lang Arts IV or DCE	1
Total	**4**

Math

Algebra I	1
Algebra II	1
Geometry	1
Total	**3**

Science

Physical Science	1
Biology	1
Chemistry or Physics	1
Total	**3**

Social Studies

Modern World History	.5
World Geography	.5
Modern U.S. History	1
U.S. Government	.5
Social Studies Elective	.5
Total	**3**

Business

Personal Finance	.5
Total	**.5**

PE/Health

Physical Education Elective	.5
Health (HS or MS)	.5
Total	**.5**

Fine Arts

Fine Arts Elective	1
Total	**1**

Computer

Computer Applications	1
Total	**1**

Other

Career Technical Education World Language Service Learning	
(Any Combo Above) Total	**1**

Total Credits

Required Credits	**17**
Electives Credits	**7**
Total	**24**

Course Planning Guide

9th Grade Courses

Required Courses	Elective Courses
English Language Arts I	
Algebra I or Acc. Alg. I	
Physical Science	
Computer Applications	

10th Grade Courses

Required Courses	Elective Courses
Speech	
English Literature II	
Math Course (see flow chart – pg 9)	
Biology	
World Geography	
Modern World History	

11th Grade Courses

Required Courses	Elective Courses
English Language Arts III	
Math Course (see flow chart – pg 9)	
Modern US History	
Chemistry or Physics	

12th Grade Courses

Required Courses	Elective Courses
English Language Arts IV or Dual Credit English	
U.S. Government	
Personal Finance	

NATIONAL HONOR SOCIETY

National Honor Society is a national organization which recognizes students with outstanding scholarship, leadership, character, and community service. Membership is open to qualified students second semester of their junior year. If students do not meet the qualifications during the junior year but do so during the senior year, they are eligible for membership at that time. New candidates are inducted into the Dell Rapids Chapter of the National Honor Society in May at the Awards Banquet.

The **Scholarship** requirement set forth by the National Council and by the Dell Rapids High School Chapter is based on a student's cumulative grade point average. The phrase "cumulative grade point average" refers to the total academic performance as demonstrated by the grades the student has received from grades nine through the first semester of the junior year. The minimum grade point average allowable established by the Faculty Council and supported by the Dell Rapids Board of Education is a **3.50** on the Dell Rapids High School grading scale.

Leadership and **Service** are considered highly important for membership selection. Leadership roles in both school and community are considered. Leadership is not limited to holding office or positions of responsibility but also to leading in the classroom, at work, or other school or community activities. To be selected for membership and to continue membership in the Dell Rapids High School Chapter, students must be active in the minimum of **three activities** each year either in school or out of school in addition to membership in the National Honor Society.

Character is another quality considered for selection. Students of character strives to consistently exemplify desirable qualities and behaviors such as cheerfulness, friendliness, and stability. In addition, students of character uphold principles of morality and ethics, cooperate by complying with school and classroom regulations, demonstrate high standards of honesty and reliability, regularly show courtesy, concern, and respect for others, observe instructions and rules, and actively help rid the school of bad influences or environment. Please note… students who have violated the DRHS Code of Conduct within the last school year will not be allowed to apply for membership to the National Honor Society.

National Honor Society members will be involved in group service projects each quarter and individual members will be required to participate in an individual service project as well throughout the year.

SOUTH DAKOTA OPPORTUNITY SCHOLARSHIP

This scholarship could provide up to $6,500 in scholarship dollars to qualifying students.

Continuing eligibility requirements for scholarship recipients must be met for this scholarship to continue from term to term. For additional information, please see your School Counselor or visit www.ris.sdbor.edu.

Eligibility Requirements:

- Resident of South Dakota at time of high school graduation
- ACT composite score of 24 or higher or an equivalent score ad determined by the Board of Regents on the SAT.
- Complete course requirements listed below with no final grade below a C (2.0 on a 4.0 scale) and an un-weighted cumulative high school GPA of 3.0 on a 4.0 scale (grade of B).
    - 4 credits of English
    - 4 credits of Algebra or higher mathematics
    - 4 credits of Science, including 3 credits of approved lab science
    - 2 credits of either of the following or a combination of the two:
        - World Language
        - Approved Career and Technical Education (CTE) courses
    - 3 credits of Social Studies
    - 1 credit of Fine Arts
    - .5 credit of Personal Finance (Personal Finance credit may be satisfied with Economics; however, Economics will not then satisfy the Social Studies credit.)
    - .5 credit of Physical Education
    - .5 credit of Health (students entering high school after 2013)
- Attend a university, college, or technical school accredited by the North Central Association (NCA) that provides instruction from a campus located in South Dakota.
- Enter into a program within 5 years of high school graduation. Eligible recipients may participate in the South Dakota Opportunity Scholarship program for the equivalent of four academic years (eight consecutive fall and spring terms), or until attaining a baccalaureate degree, whichever comes first. Student completing a technical or associate degree program are eligible for continued funding.

Please note:
Students can also establish initial eligibility in the program by obtaining a composite ACT score of 28 (1250 on the SAT) and meeting college readiness benchmarks in the areas of English (18), Reading (22), Mathematics (22), and Science (23). This applies to students completing alternative instruction and high school graduates who have not met one of the above curriculum requirements.

ENGLISH LANGUAGE ARTS COURSES

ENGLISH LANGUAGE ARTS I, 1 credit, required for freshman
English/Language Arts I introduces four or more genres of literature (e.g. novel, short story, poetry). Exploration of each genre's literary elements; determination of theme and intent; and examination of vocabulary and semantics are often included in the course content. Writing assignments are required as an additional method to improve understanding and comprehension. This course seeks to develop the writing processes and practices necessary for producing successful high school compositions.

ENGLISH LITERATURE II, ½ credit, required for sophomores
English/Literature II introduces two or more genres of literature (e.g. novel, short story, poetry). Exploration of each genre's literary elements; determination of theme and intent; and examination of vocabulary and semantics are often included in the course content. Writing assignments are required as an additional method to improve understanding and comprehension. These compositions hone students' writing skills and develop their ability to compose different types of papers for a range of purposes and audiences.

SPEECH, ½ credit, required for sophomores
Speech develops communication skills that can be used in a variety of speaking situations (i.e small and large group discussions, delivery of lectures or speeches in front of audiences). Course topics may include research and organization, writing for verbal delivery, stylistic choices, visual and presentation skills, analysis and critique, and development of self-confidence.

ENGLISH Language Arts III, 1 credit, required for juniors
English III builds upon previous writing and literary analysis skills. Logic and critical-thinking skills that accompany good writing skills are reinforced. The written portion of this course continues to emphasize word choice, usage, and writing mechanics as well as continued and advanced instruction in writing for a variety of purposes and audiences. American Literature is the content of the literature in the course focusing on American authors and their work. Students improve critical-thinking skills as they determine the underlying assumptions and values within the selected works and understand how the literature reflects the society of the time. Oral discussions and written compositions are an integral part of English III.

ENGLISH LANGUAGE ARTS IV, 1 credit, required for seniors
Please note: Students can substitute Dual Credit English for this course.
English IV builds upon previous writing skills. Reinforcing the logic and critical-thinking skills that accompany good writing, it develops a student's ability to compose different types of papers for a range of purposes and audiences. Literature study may be offered as an additional component in which students analyze examples of several genres.

DUAL CREDIT ENGLISH (taught in-house by DRHS teacher), 1 credit, 12
Dual Credit English is a course with college credit from Mount Marty College with a DR teacher onsite in Dell Rapids. Prerequisites are required. This course provides a college-minded individual with an intense background of literature and essay writing. Students will read fiction, drama and poetry to help promote critical thinking skills and literary analysis, and learn to write in a variety modes (e.g. narrative, definition, description, exemplification, and division and classification. Students will understand that writing is a process and be able to employ process steps in writing, making substantial revisions to essays, and demonstrating willingness and an ability to improve their writing with subsequent drafts. In meeting these requirements, students will earn 6 college credits (English 103 (3) and English 210 (3)).

STRATEGIC READING I & II, ½ credit, 9-12
Strategic Reading improves a student's vocabulary, critical-thinking and analysis skills, reading rate and comprehension level. Students determine the underlying assumptions and values within the selected works, reflect upon the influence of societal events and social attitudes, and compare the points of view of various authors. Oral discussion is an integral part of literature courses, and written compositions are often required.

THE SHORT STORY, ½ credit, 9-12
Short Story has the same aim as general literature courses (to improve students' language arts and critical-thinking skills), focusing on one genre, the short story. Students determine the underlying assumptions and values within the selected works and also examine the structure, techniques, and intentions of the genre being studied. Oral discussion is an integral part of these genre-oriented courses, and written compositions are often required.

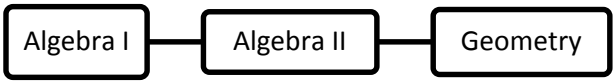
PUBLICATION PRODUCTIONS I-IV, ½ credit, 9-12
Publication Production provides students with the knowledge and skills necessary to produce the school newspaper, yearbook, literary magazine, or other printed publication. Students may gain experience in several components (i.e. writing, editing, layout, production) or may focus on a single aspect while producing the publication.

CREATIVE WRITING, ½ credit, 9-12
Creative Writing develops and improves student' technique and individual style in poetry, short story, drama, essays, and other forms of prose. The emphasis of the courses is on writing; however, students may study exemplary representations and authors to obtain a fuller appreciation of the form and craft.

MEDIA AND FILM CRITICISM, ½ credit, 10-12
Media and Film Criticism has the same aim as general literature courses (to improve students' language arts and critical-thinking skills), focusing on one genre, the screenplay (film). Students determine the underlying assumptions and values within the selected works and also examine the structure, techniques, and intentions of the genre being studied. Oral discussion is an integral part of these genre-oriented courses, and written compositions are often required.

MATHEMATICS FLOW CHART

OPTION ONE:



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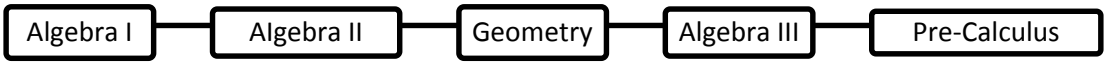

OPTION THREE:

*****Students must take at least one math class during their freshman, sophomore, and junior years.**
*****If students are on the accelerated path and plan to take AP Calculus, they must take two classes of math in their sophomore or junior year.**

MATHEMATICS COURSES

ALGEBRA I, 1 credit, 9
Algebra I course topics typically include: properties and operations of the real number system; evaluating rational algebraic expressions; solving and graphing first degree equations and inequalities; translating word problems into equations; operations with and factoring of polynomials; and solving simple quadratic equations.

ACCELERATED ALGEBRA I, 1 credit, 9
Accelerated Algebra I covers the topics of the traditional Algebra I course in greater depth. These topics typically include: linear equations and inequalities, equations of a line, systems of equations and inequalities, polynomials, factoring, quadratic equations, radicals, exponential equations and rational expressions.

ALGEBRA II, 1 credit, 10
Prerequisites: Algebra I or Accelerated Algebra I
Algebra II course topics typically include: field properties and theorems; set theory; operations with rational and irrational expressions; factoring of rational expressions; in-depth study of linear equations and inequalities; quadratic equations; solving systems of linear and quadratic equations; graphing of constant, linear, and quadratic equations; properties of higher degree equations; and operations with rational and irrational exponents

ACCELERATED ALGEBRA II, 1 credit, 10
Prerequisites: Accelerated Algebra I
Accelerated Algebra II courses cover the topics of the traditional Algebra II course in greater depth. These topics typically include: systems of equations and inequalities, quadratic functions, polynomial functions of higher degree, exponential and logarithmic functions, and rational functions.

GEOMETRY, 1 credit, 10-11
Prerequisites: Algebra I and II or Accelerated Algebra I and II
Geometry courses, emphasizing an abstract, formal approach to the study of geometry, typically include topics such as properties of plane and solid figures; deductive methods of reasoning and use of logic; geometry as an axiomatic system including the study of postulates, theorems, and formal proofs; concepts of congruence, similarity, parallelism, perpendicularity, and proportion; and rules of angle measurement in triangles.

ACCELERATED GEOMETRY, 1 credit, 10-11
Prerequisites: Accelerated Algebra I and II
Accelerated Geometry courses cover the topics of the traditional Geometry course in greater depth. Geometry courses, emphasizing an abstract, formal approach to the study of geometry, typically include topics such as properties of plane and solid figures; deductive methods of reasoning and use of logic; geometry as an axiomatic system including the study of postulates, theorems, and formal proofs; concepts of congruence, similarity, parallelism, perpendicularity, and proportion; and rules of angle measurement in triangles.

ALGEBRA III WITH TRIGONOMETRY, 1 credit, 11-12
Prerequisites: Algebra I or Accelerated Algebra, Algebra II or Accelerated Algebra II, Geometry or Accelerated Geometry
Algebra III with Trigonometry prepares students for college level mathematics and typically include the following topics: quadratic functions, polynomial functions of higher degree, exponential and logarithmic functions, and rational functions, trigonometric and circular functions; their inverses and graphs; relations among the parts of a triangle; trigonometric identities and equations; solutions of right and oblique triangles, complex numbers, statistics, probability and counting theory.

PRE-CALCULUS, 1 credit, 11-12
Prerequisites: Accelerated Algebra I, Accelerated Algebra II, Accelerated Geometry
Pre-Calculus combines the study of Trigonometry, Elementary Functions, Analytic Geometry, and Math Analysis topics as preparation for calculus. Topics typically include the study of complex numbers; polynomial, logarithmic, exponential, rational, right trigonometric, and circular functions and their relations, inverses and graphs; trigonometric identities and equations; solutions of right and oblique triangles; vectors; the polar coordinate system; conic sections; sequences and series; and limits and continuity

AP CALCULUS, 1 credit, 12
Prerequisites: Accelerated Algebra I, Accelerated Algebra II, Accelerated Geometry, Pre-Calculus
Following the College Board's suggested curriculum designed to parallel college-level calculus courses, AP Calculus AB provides students with an intuitive understanding of the concepts of calculus and experience with its methods and applications. These courses introduce calculus and include the following topics: elementary functions; properties of functions and their graphs; limits and continuity; differential and integral calculus.

SCIENCE COURSES

PHYSICAL SCIENCE, 1 credit, required for freshman
Physical Science involves study of the structures and states of matter. Typically (but not always) offered as introductory survey courses, they may include such topics as motion, forms of energy, wave phenomenon, electromagnetism, and physical and chemical interactions.

BIOLOGY, 1 credit, required for sophomores
Biology provides information regarding the fundamental concepts of life and life processes. These courses include (but are not restricted to) such topics as cell structure and function, general plant and animal physiology, genetics, and taxonomy.

CHEMISTRY, 1 credit, Chemistry OR Physics is required for juniors
Prerequisite: Physical Science, Biology, and Algebra I
Chemistry studies the composition, properties, and reactions of substances. Topics include: behaviors of solids, liquids, and gases; acid/base and oxidation/reduction reactions; and atomic structure. Chemical formulas and equations and nuclear reactions are also studied.

ZOOLOGY, 1 credit, 10-12
Prerequisite: Biology
Zoology provides students with an understanding of animals, the niche they occupy in their environment or habitat, their life cycles, and their evolutionary relationships to other organisms. This course should also help students develop an awareness and understanding of biotic communities.

ADVANCED CHEMISTRY, 1 credit, 11-12
Prerequisite: Chemistry
Advanced Chemistry covers chemical properties and interactions in more detail. Advanced Chemistry topics include organic chemistry, thermodynamics, electrochemistry, macromolecules, kinetic theory, and nuclear chemistry. Some skills that will be used are critical thinking, clear and logical expression of ideas orally and in writing, and problem solving. If not, teacher permission is required.

ANATOMY, 1 credit, 11-12
Prerequisite: Biology
Anatomy presents an in-depth study of human body and biological system. Students study such topics as anatomical terminology, cells, and tissues and typically explore functional systems such as skeletal, muscular, circulatory, respiratory, digestive, reproductive, nervous systems.

PHYSICS, 1 credit, Physics OR Chemistry is required for juniors
Prerequisite: Physical Science, Algebra II
Physics involves the study of the forces and laws of nature affecting matter, such as equilibrium, motion, momentum, and the relationships between matter and energy. The study of physics includes examination of sound, light, and magnetic and electric phenomena. Physics includes the study of physical mechanics, light, sound, electricity, and some nuclear physics.

SOCIAL STUDIES COURSES

WORLD GEOGRAPHY, ½ credit, required for sophomores
World Geography provides students with an overview of world geography. Topics typically include the physical environment; the political landscape; the relationship between people and the land; economic production and development; and the movement of people, goods and ideas. Students will take an in-depth look into the physical geography of the world, the cultural geography of the world, the economic / environmental geography of the world; and how these affect humans throughout the world.

MODERN WORLD HISTORY, ½ credit, required for sophomores
Modern World History provides an overview of the history of human society in the past few centuries—from the Renaissance period, or later, to the contemporary period—exploring political, economic, social, religious, military, scientific, and cultural developments. The course presents a chronological narrative of world history which will focus on significant historical periods from the Renaissance to the present.

MODERN US HISTORY, 1 credit, required for juniors
Modern U.S. History examines the history of the United States from the Civil War or Reconstruction era through the present time… typically including a historical review of political, military, scientific, and social developments. This course emphasizes history from the time of 1860s western expansion up until today, specifically the development of our nation into a world power playing an active role in world affairs today.

US GOVERNMENT, ½ credit, required for seniors
US Government provides an overview of the structure and functions of the U.S. government and political institutions and examines constitutional principles, the concepts of rights and responsibilities, the role of political parties and interest groups, and the importance of civic participation in the democratic process. Students will study the legislative, executive, and judicial branches of our national government and their impact on U.S. citizens.

ECONOMICS, ½ credit, 9-12
Economics reflects upon our national ideas and how the free enterprise system influences our levels of living. The free enterprise system in the United States is a fundamental part of all our daily lives. Economics is designed to give a basic understanding of how our system functions which is essential to our development as producers, consumers, and citizens. Some personal finance topics are included.

PSYCHOLOGY, ½ credit, 9-12
Psychology introduces the study of individual human behavior. Course content typically includes an overview of the field of psychology, topics in human growth and development, personality and behavior, and abnormal psychology. Course content will also include a study of human development beginning with infancy/childhood, progressing on to adolescence, and eventually studying adulthood.

ADVANCED PSYCHOLOGY, ½ credit, 9-12
Prerequisite: Psychology
Advanced Psychology is an extension of the Psychology I course. Units taught in this class will cover mental and emotional health as well as abnormal behavior and its therapies. Topics include: teenage suicide and violence as well as their prevention, psychological disorders and their therapies, stress management and coping with loss, abuse and abuse prevention.

SOCIOLOGY, ½ credit, 9-12
Sociology introduces the study of human behavior in society. It provides an overview of sociology, generally including topics such as social institutions and norms, socialization and social change, and the relationships among individuals and groups in society. This course will also include reasons why humans act the way they do in our society.

CONTEMPORARY WORLD ISSUES, ½ credit, 10-12
Contemporary World Issues studies political, economic, and social issues facing the world. It focuses on current issues, examine selected issues throughout the 20th century, and look at historical causes or possible solutions.

PROFOUND EVENTS IN HISTORY, ½ credit, 10-12
Profound Events in History focuses on events in history not typically covered in detail during standard history classes but which have a major impact on society. Instead of a chronological approach to history, this course is built around a single concept: tragedy. Many of our best tests as a nation have resulted from unforeseen events which have captivated us and defined us as a people.

SOUTH DAKOTA HISTORY, ½ credit, 9-12
Students will examine the history, politics, economics, society, and/or cultures of South Dakota.

BUSINESS COURSES

PERSONAL FINANCE, ½ credit, required for seniors
Topics covered: cost of living; factors affecting income; management of personal finances including budgeting; decision making in regards to spending and credit, saving and investing, and insurance; taxes

ACCOUNTING I, 1 credit, 9-12
Topics covered: accounting careers; accounting cycle; accounting equation; journaling & posting; financial statements; cash management; tax forms; payroll for a sole-proprietorship and partnership

ACCOUNTING II, 1 credit, 9-12
Prerequisite: Accounting I
Topics covered: departmentalized accounting; accounting control system procedures; accounting for uncollectible accounts; accounting for plant assets/depreciation; notes payable/receivable; corporate accounting

BUSINESS MATH, ½ credit, 9-12
Business Math reinforces general math skills, emphasizes speed and accuracy in computations, and uses these skills in a variety of business applications. It reinforces general math topics by applying these skills to business problems and situations such as wages, hourly rates, payroll deductions, sales, receipts, accounts payable and receivable, financial reports, discounts, and interest.

BUSINESS LAW, ½ credit, 9-12
Business Law introduces the various types of laws and how they relate to daily life. Business law is designed to aid the student in becoming aware of laws affecting them in their day-to-day experiences.

COMPUTER SCIENCE COURSES (all are CTE Courses)

COMPUTER APPLICATIONS, 1 credit, required for freshmen
Computer Applications provides students with fundamental computer concepts and in-depth software knowledge necessary for college preparation and personal use. Microsoft Office 2010 is utilized to complete word processing, spreadsheets, database, and presentation projects.

ADVANCED COMPUTER APPLICATIONS, 1 credit, 9-12
Prerequisite: Computer Applications
Advanced Computer Applications increases students' knowledge of the Microsoft Office applications, electronic communication, employability skills, and entrepreneurship. Students work together to develop a business and create professional looking documents.

COMPUTER PROGRAMMING, ½ credit, 9-12
Prerequisite: Computer Applications, Algebra I
Computer Programming is an introductory programming course introducing students to multiple programming languages including HTML/CSS, Python, JavaScript, Ruby and jQuery. Students will develop skills in decision-making, problem solving, and program development.

COMPUTER HARDWARE, ½ credit, 9-12
Prerequisite: Computer Applications
Computer Hardware trains students to be able to maintain and upgrade computers and their components. It provide students with a working knowledge of computer hardware, computer security, troubleshooting, hands-on computer repair and various other computer components.

AUDIOVISUAL PRODUCTION, ½ credit, 9–12
Prerequisite: Computer Applications
Audiovisual Production is designed for students wishing to gain the fundamental concepts to create and manipulate video. Students will be actively writing scripts, operating a video camera, manipulating lighting and sound, developing audio and editing techniques, participating in production roles and researching career opportunities.

BROADCAST TECHNOLOGY I & II, ½ credit, 9-12
Prerequisites: Computer Applications
In this project- based course, students will be provided with the opportunity to entertain, inform, and educate audiences through media. Students will create and manipulate videos to be shown on the local channel 90 and close-captioned monitors throughout the school.

WEB PUBLISHING & DESIGN, ½ credit, 9–12
Prerequisite: Computer Applications
Students will learn the fundamentals of web design using online resources, DreamWeaver and HTML programming. In a project-based environment, students will create web pages, insert images, add hyperlinks, make tables, and create interactive forms.

PHOTOGRAPHIC ARTS I & II, ½ credit, 9–12
Photographic Arts I is a project-based course providing students experience in producing artistic photographs. Students will prepare photographs for visual display using photographic enhancement software and artistic expression. Students are encouraged to develop their own artistic style.

Photographic Arts II is a more advanced course in digital photography. Through hands-on projects, the students will expand the skills needed to manipulate and edit their own photos and develop the skills needed to use the functions on their camera to capture the best photograph for each subject.

INDUSTRIAL TECHNOLOGY COURSES (all are CTE Courses)

INTRODUCTION TO DRAFTING AND DESIGN, ½ credit, 9-12 (Previously known as Technical Drafting)
People with careers in design and pre-construction create our future. They turn a concept into a set of plans whether it's a component, a system, or a building. Their plans guide other construction or manufacturing professionals as they continue the building process. This course will expose students to the American Design Drafting Association Apprentice standards in both mechanical and architectural drafting.

COMPUTER ASSISTED DRAFTING, ½ credit, 9-12 (Instructor Permission Required)
Topics covered: cad basic operations; illustrate layers; create blocks and attributes; 3D drawings; orthographic projections; drawing and plotting drawings to scale

INTRODUCTION TO ARCHITECTURE AND CONSTRUCTION, ½ credit, 9-12 (previously known as Woodworking)
Prerequisite: Introduction to Drafting and Design recommended
Introduction to Architecture and Construction provides instruction and information concerning hand-power tool and shop safety. Each student will become proficient in wood identification, project design, project cost estimation, and project assembly. The course gives students the basic concepts of woodworking techniques and know-how to safety run woodworking equipment.

CABINETRY, ½ credit, 10-12
Prerequisite: Introduction to Architecture and Drafting (previously Woodworking) recommended
Students further their woodworking skills and build more advance woodworking projects. Topics covered are safety, equipment, fasteners, design assembly, blueprints, wood joints and applications. Students must be serious about building their projects and spending quality time in the shop.

INTRODUCTION TO BUILDING TRADES, ½ credit, 10-12
Prerequisites: Technical Drafting & Introduction to Architecture and Drafting (previously Woodworking) recommended
Topics covered: industry safety procedures, hand-power-pneumatic tools, blueprint reading and survey techniques, construction project, plumbing applications, electrical wiring applications, concrete construction applications, and drafting design concepts. This course makes students aware of different types of construction and focusing on framing construction. Students will be involved in designing, estimating, and building a utility shed.

INTRODUCTION TO TECHNOLOGY EDUCATION, ½ credit, 9-12
This course is a hands-on class which reflects current technologies. Students design and improve technology through problem-solving activities. Technologies to be explored: the nature of technology, technology and society, the design process, energy and power, transportation, manufacturing and construction, and communications. Some of the activities include CO2 racecars, basswood bridge building, laser engraving, and silk-screening t-shirts.

AGRICULTURE COURSES (all are CTE Courses)

INTRODUCTION TO AG, FOOD & NATURAL RESOURCES, 1 credit, 9-12
Students will develop an understanding of the role of FFA in Agriculture Education Programs; define and discuss the concepts of Natural Resources; demonstrate an understanding of Animal Science Systems; demonstrate an understanding of plant structure and function; relate basic economic principles to production agriculture and agribusiness management; summarize basic food science technology principles; summarize basic principles involved in agricultural systems technology. A small wood project will be designed and constructed by each student. Each student will be responsible to provide their own material to construct their project.

FUNDAMENTALS OF ANIMAL SCIENCE, ½ credit, 9-12
Students will apply knowledge of anatomy and physiology to produce and/or manage animals in a domesticated or natural environment, recognize animal behavior to facilitate working with animals safely, provide proper nutrition to maintain animal performance, know the factors that influence an animal's reproductive cycle, and identify environmental factors that affect an animal's performance.

AG PROCESSING TECHNOLOGY, ½ credit, 9-12
Students will identify processing, handling, and storage factors to show how they impact product quality and safety; identify processing inspection and laws pertaining to humane slaughter; understand the processing of other agriculture products in today's global economy; understand the packaging and preservation of food items.

FUNDAMENTALS OF AG MECHANICS, ½ credit, 9-12
Students will apply safety skills with engineering applications with mechanical equipment, structures, land treatment, power utilization and technology; exercise basic skills in blueprint and design development to create sketches, drawing and plans with estimate costs; develop skills required to use construction/fabrication equipment and tools; use a variety of concrete and masonry products; apply math and science principles to identify soil and water engineering and their properties; apply metal applications.

WILDLIFE & FISHERIES, ½ credit, 9-12
Students will recognize the importance of managing fish and wildlife and understand the importance habitat plays in their populations; identify key factors including economic and social issues related to fish and wildlife; identify life patterns of fish and wildlife.

AGRIBUSINESS SALES & MARKETING, ½ credit, 9-12
Students will examine skills necessary to obtain gainful employment in agribusiness occupations; examine effects of personality on job performance; use principles to accomplish an agribusiness marketing objective; use sales principles to accomplish an agribusiness objective; use computer technology and documents to manage agribusiness inventory; explore opportunities for marketing of agricultural products throughout the world.

FUNDAMENTALS OF PLANT SCIENCE, ½ credit, 9-12
The plant science industry is a large part of the economic structure in South Dakota, from crop and forage production, to horticulture and forestry. In this course, students develop the necessary knowledge, skills, habits and attitudes for entry-level employment and advancement in the areas such as production agriculture, research and horticulture. Classroom and laboratory content may be enhanced by utilizing appropriate equipment and technology. The topics covered include: plant anatomy, plant physiology, biotechnology, plant nutrition, soil, plant selection, plant reproduction, plant propagation, plant production, pest management, harvesting, handling, storing and marketing.

ADVANCED AG MECHANICS, ½ credit, 11-12
Prerequisites: Fundamental Ag Mechanics, Ag Power Tech. or Ag Metal Fabrication Tech.
This course is an extension of the skills learned in previous agriculture courses. The students will be primarily in the shop constructing larger projects both out of wood and metal. Other areas could include individual mechanics or electrical projects. The projects will be developed and paid for by the students.

AGRIBUSINESS ENTREPRENEURSHIP, ¼ credit per term, 12
Please note: Only open to seniors who have taken at least two agriculture courses.
Topics covered: applications in agricultural business management and operation; economic principles; business structures; decision making; budgeting; record keeping; finance; risk management; marketing; technology in business; careers in agribusiness management. Each student will find a job with a local agri-business or farm to develop their skills and they would enter into a contract with the agriculture instructor and a working mentor to receive credit for hours worked on the job. The students will also provide brief reports to the agriculture instructor during the course to monitor progress. The student can earn ¼ credit per term, with a total of one credit being able to be used towards graduation.

AG METAL FABRICATION, ½ credit, 11-12
Topics covered: careers in metal fabrication; welding preparation and safety procedures; properties of materials; project design and construction procedures; welding fundamentals; shielded metal arc welding (SMAW); metal inert gas (MIG) welding, also known as Gas Metal Arc Welding (GMAW); oxy-acetylene, brazing and torch cutting; plasma cutting; Tungsten Inert Gas (TIG) welding, also known as Gas Tungsten Arc Welding (GTAW). Each student will be required to perform specific welds for grades and after the required welds are completed, they will design and construct metal projects. Each student will be responsible for providing material to construct their projects.

AG POWER TECHNOLOGY, ½ credit, 11-12
Topics covered: basic engines principles; power trains; hydraulics; fuels; electrical systems; detailed maintenance; troubleshooting and repair of agricultural equipment systems; operation, maintenance and repair of small gasoline, diesel engines and electric motors; principles of operation of gasoline and diesel engines; tune-up and maintenance procedures; disassembly, overhaul and assembly; operation of two-cycle and four-cycle engines. Students will have the opportunity to bring in small gas engines to work on after the classroom instruction has been completed. These projects can include regular maintenance to a complete disassembly and overhaul. Each student who brings in an engine will be responsible to parts needed to repair the engine.

FAMILY & CONSUMER SCIENCE COURSES (all are CTE Courses)

DIETETICS AND NUTRITION, ½ credit, 9-12
Prerequisite: Nutrition and Wellness
This course will cover more in-depth areas than was covered in Nutrition and Wellness with an emphasis on disease prevention through improved dietary habits. Topics include: current nutritional concerns and trends, dietary guidelines for people with special requirements, good preparation techniques, menu planning for individual needs, and experimentation of various recipes.

HUMAN DEVELOPMENT: PRESCHOOL TO SCHOOL AGE, ½ credit, 9-12
This course is designed to develop skills and knowledge in the area of human development for the child up to the age of six. There will be hands-on experiences working with toddlers and preschoolers and planning and preparing lessons for the on-the-job training for these age groups.

HUMAN DEVELOPMENT: ADOLESCENCE TO ADULTHOOD, ½ credit, 9-12
This course will focus on topics such as self-awareness, communication skills, relationships, roles, family life cycle, dating and mate selection, marriage, parenting roles and responsibilities, and coping with family crisis situations such as job loss, abuse, divorce, death and dying, and the elderly generation.

NUTRITION AND WELLNESS, ½ credit, 9-12
This course focuses on nutrition, wellness and food principles and will develop skills and knowledge necessary to make healthy food choices as well as practice safe sanitation habits; storage; preparation techniques; eating habits; wellness; nutritional values of foods; and preparation and serving of foods.

SKILLS FOR PARENTING, ½ credit, 9-12
This course is designed to cover areas of parenting; alternatives to biological parenthood; beginning the parenting process; nurturing practices; discipline practices; communication strategies; community resources and services for families. Other topics covered include: prenatal development, birth, development of the infant and their needs. Developing parenting skills include the "Baby Think It Over" simulated experience.

INTERIOR DESIGN, ½ credit, 9-12
This course is designed to enable the student to make wise decisions and choices for individual needs and wants in relation to shelter. Career opportunities; selection of interior furnishings and products; and doing hands-on projects related to interior design using the art principles and design will be part of the curriculum. Evaluating floor plans and choosing housing are also covered in this class.

SERVING COMMUNITIES AND FAMILIES, ½ credit, 9-12 (Course will return 2018-2019)
The course is designed to help students prepare for leadership roles in their families, schools, communities and careers. The project-based approach and hands-on learning activities will be the focus of the class. Becoming an effective problem solver, using creating and critical skills, using communication styles and techniques, and developing leadership skills will be used to create projects and activities for the family and community.

WORLD LANGUAGE COURSES

SPANISH I, 1 credit, 9-12
This class is designed to introduce students to the Spanish language and culture. Spanish I class will work with basic grammar, simple vocabulary so that students can read, write, speak and understand Spanish at a basic level. The class explores the Spanish culture through art, literature, customs and the history of Spanish-speaking people. This class will be conducted in English and Spanish.

SPANISH II, 1 credit, 9-12
Prerequisite: Spanish I
Students will be able to engage in basic conversation in Spanish. Students will continue to learn grammar and vocabulary so they can improve their ability to read, write, speak and understand Spanish. The class will continue to explore Spanish culture through art, literature and customs. This class will be conducted in Spanish with English explanations.

SPANISH III, 1 credit, 10-12
Prerequisites: Spanish I and II
Students will be able to engage in simple conversation in Spanish. Students will continue to work on grammar and vocabulary at a more advanced level than Spanish II. Class will be conducted mainly in Spanish with English used only for explanations.

HEALTH & PHYSICAL EDUCATION COURSES

PHYSICAL EDUCATION, ½ credit, 9-12
Please Note: Students may take a total of 1.0 credit
Physical Education courses provide students with knowledge, experience, and an opportunity to develop skills by participating in the following sports or activities: team sports, individual/dual sports, recreational sports, fitness/conditioning activities and wellness and specialized training.

FITNESS / CONDITIONING ACTIVITIES I & II, ½ credit, 9-12
Please Note: Students may take a total of 1.0 credit
Fitness/Conditioning Activities courses emphasize conditioning activities that develop muscular strength, flexibility, cardiovascular fitness, agility, coordination, speed, balance, and muscular endurance.

HEALTH, ½ credit, 9-12
Topics covered within the Health course may vary widely, but typically include personal health (nutrition, mental health and stress management, drug/alcohol abuse prevention, disease prevention, and first aid) and consumer health issues. This course may also include brief studies of environmental health, personal development, and/or community resources.

FINE ARTS COURSES – GRAPHIC ARTS

CREATIVE ART, 1 credit, 9-12
This course provides students with the knowledge and opportunity to explore an art form and to create individual works of art. It may also provide a discussion and exploration of career opportunities in the art world and the study of major artists, art movements, and styles.

CREATIVE ART II, 1 credit, 10-12
Prerequisite: Art I
This course covers the same topics as Creative Art I but focuses on drawing and painting. In keeping with this attention on two-dimensional work, students typically work with several media (such as pen-and-ink, pencil, chalk, watercolor, tempera, oils, acrylics, and so on).

Art III - ART PORTFOLIO, 1 credit, 10-12
Prerequisites: Art I, Art II,
Art Portfolio courses offer students the opportunity to create a professional body of work that reflects their personal style and talent. They are often encouraged to display their work publicly. During this course, students will experiment with various mediums to develop an individual technique and style.

Art IV - SPECIAL PROJECTS, 1 credit, 12
Prerequisites: Art I, Art II, Art III
Special projects offers those students interested in art or art related fields, an opportunity to focus on an individual style medium and format for their art work. Students will work closely with the instructor to create a college bound presentation of work in the area in which they intend to pursue.

GRAPHIC DESIGN I, ½ credit, 9–12
Graphic Design courses emphasize design elements and principles in the purposeful arrangement of images and text to communicate a message. They focus on creating art products such as advertisements, product designs, and identity symbols. Graphic Design courses may investigate the computer's influence on and role in creating contemporary designs and provide a cultural and historical study of master design works of different periods and styles.

GRAPHIC DESIGN II, ½ credit, 9-12
Prerequisites: Graphic Design I
This course is an advanced continuation of Graphic Design I. The problems are more advanced, involve a deeper understanding of visual literacy, and demand a near mastery of project-specific Adobe Photoshop techniques and processes. Digital photography is also a component of this course from a commercial art standpoint.

GRAPHIC DESIGN III, ½ credit, 10-12
Prerequisites: Graphic Design I, Graphic Design II
This course is designed for advanced graphics students who will work independently on projects exploring and solving visual design problems. It will give opportunity for students to explore areas of interest for those students who might be considering a career in graphics design.

GRAPHICS DESIGN IV, ½ credit, 10-12
Prerequisites: Graphic Design III with a C or better.
This course is for advanced graphic students who are planning to pursue a career in the graphics design field. Students will work independently on projects exploring and solving design problems.

FINE ARTS COURSES – MUSICAL ARTS

BAND, ½ credit per semester, 9-12
In this course, students will improve proficiency in all aspects of reading and performing instrumental music. Through the rehearsal and study of quality wind band literature, students will strengthen individual playing techniques and skills; learn about the theory, history, and vocabulary of music; demonstrate confidence and poise during public performances; and learn to work collaboratively as a member of the ensemble. All students are required to participate in marching band, pep band, and concert band performances, as well as homecoming coronation, music contest, graduation, and Memorial Day services. Students are also eligible to participate in Jazz Band and Region II Instrumental Solo and Ensemble Contest, as well as audition for South Dakota All-State Band, All-State Orchestra, and All-State Jazz Band.

JAZZ ENSEMBLE, ¼ credit per semester, 9-12
Students taking this course will develop musicianship and specific performance skills for the performance of the varied styles of instrumental jazz. Students develop their creative skills through performance, improvisation, listening, and analysis. Students must participate in performance opportunities outside of the school day.

CHORUS, ½ credit per semester, 9-12
Students will gain knowledge of proper care for the voice, develop a working knowledge of musical terms and symbols, enhance music reading skills, demonstrate confidence and poise during public performance, and develop awareness for the arts as a vital part of lifelong learning. No auditions required. The performance schedule includes 2-3 major concerts as well as homecoming coronation, music contest and graduation. Students in choir are also eligible to audition for All-State Chorus, and various other vocal festivals. Students are required to participate in all scheduled concerts. All students are required to purchase a Dell Rapids Band/Choir shirt which will be worn for performances and competitions. Along with these shirts, the students are to wear dark black slacks, black socks, and black shoes.

ESPRESSO CHOIR, ¼ credit per semester, 9-12
Students taking this course will gain a deeper understanding of vocal musicianship by working on a wide variety of music from jazz, show, and pop. Students will develop their creative skills through extra opportunities for performances. A limited amount of time outside of the school day may be scheduled for dress rehearsals and performance. Students must participate in performance opportunities, outside of the school day, that support and extend the learning in the classroom.

MISCELLANEOUS COURSES

TEACHER AIDE, 11-12 (seniors with 90 minute senior privileges are not allowed to TA)
Please Note: Students may take a total of 1.0 credit
This pass/fail service learning course gives student an opportunity to perform a service and gain an educational experience. Students interested in this type of opportunity should visit the school counselor.

YOUTH INTERNSHIP, 11-12
Youth Internship allows students to gain hands-on experience at a business, develop employability skills, learn technical skills, and complete a portfolio. Students wishing to enroll in the Youth Internship Program must meet specific requirements, complete an application, and be approved by the high school principal. Although the school will assist the high school student in locating and securing a Youth Internship site, it is necessary for the students to have preliminary career areas of interest to direct that search. ***Students interested in Youth Internship must visit the high school principal or counselor.***

LEARNING POWER COURSES, 11-12
The Learning Power program makes online Advanced Placement (AP) courses available in the areas of math, science, and English. It is important for students possess an accurate perception of their readiness and the significant effort required for successful participation in online AP courses. Enrollment and participation is provided at NO COST to students. Via the SD Virtual School, the Learning Power program offers seven online course options: (AP Calculus AB, AP Statistics, AP Biology, AP Chemistry, AP Physics, AP English Language & Composition, AP English Literature & Composition).

DUAL CREDIT COURSES, 11-12
Dual credit is an opportunity for high school students who meet admissions standards to enroll in public postsecondary institutions in South Dakota and simultaneously earn credits for both their high school diploma and postsecondary degree or certificate. Dual credit courses are offered by the postsecondary institution's faculty members, are governed by the postsecondary institution's policies, and follow the postsecondary institution's established processes for admissions, registration, billing and grade reporting. More information can also be found by visiting www.SDMYLIFE.com. ***Students interested in Dual Credit courses must visit the high school principal or counselor.***

SERVICE LEARNING, 12
Service learning integrates academic study with the service experience, helping participate reflect on larger social issues and see the service experience in terms of social, economic, or educational justice instead of "charity." The experience makes learning intentional through the use of reflective writing, group discussions and other activities.

- The experiences address complex problems in real settings, rather than simplifying a problem or isolating it in a classroom setting.
- The experiences promote deeper learning beyond the classroom and build leadership skills that extend beyond the classroom, such as teamwork, communication, problem solving, critical thinking and citizenship.
- The experiences are positive, meaningful and real to all participates.

Students interested in Service Learning must visit with the school counselor prior to registration to discuss all requirements and create a personal Service Learning Plan.