

# Garretson High School



2024 -2025  
Registration Guide

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# Welcome to Garretson High School

Garretson High School addresses our mission “To Prepare Every Student To Meet The Challenges Of Learning, Living, and Leading In a Changing World” by offering a range of quality classes for students.

## **Introduction to Registration**

The purpose of this registration book is to enable Garretson 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, thus, enabling them to explore all available opportunities.

All students (grades 9-11) must take 7 classes each semester. When conditions in the student hand book are met, 12<sup>th</sup> graders may earn one open period for senior privileges. Refer to the graduation requirement information on page 4 as well as the information on college admission requirements.

Each student will carefully plan their schedule, complete the registration worksheet and register for classes with the 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 is 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.

**Students:** Your teachers, counselor or principal are very willing to help you decide if your registration supports your career plans and graduation requirements. If you have any questions, please ask!

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

# Garretson High School Graduation Requirements

In order to graduate from Garretson High School, a student is required to have a minimum of 23 credits/units that include the following:

**Four and one half units of Language Arts – must include:**

- English/Literature I - 1 unit
- English/Literature II - 1 unit
- Speech- .5 unit
- American Literature - 1 unit
- British Literature or AP English Literature – 1 unit

**Three units of Mathematics – must include:**

- Algebra I – 1 unit
- Algebra II – 1 unit \*
- Geometry – 1 unit \*

**Three units of Lab Science – must include:**

- Physical Science – 1 unit \*
- Biology – 1 unit
- Chemistry or Physics – 1 unit \*

**Three units of Social Studies – must include:**

- World Geography – 0.5 unit
- World History – 0.5 unit
- American History – 1 unit
- Government – 0.5 unit

**One and one half units of Career & Technical Education:**

- Foundation of Technology/Work Place Technology - 1.0 unit
- Employability – .5 unit

**One unit of Fine Arts**

**One-half unit of Personal Finance**

**One-half unit of Physical Education**

**One-half unit of Health or Health Integration (taken in 8<sup>th</sup> grade with a pass/fail grade)\*\***

\* The math and science courses listed will keep students on track for all graduation endorsements. A student may waive this course in favor of a more appropriate course.

- MATH NOTES: A student may waive Algebra II or Geometry; the student cannot waive both. A student is still required to take three units of Math.
- SCIENCE NOTES: If a student waives Chemistry and/or Physics, the student must still take three units of Lab Sciences.
- Students that waive Geometry/Algebra II or Physical Science/Chemistry/Physics may not meet South Dakota Board of Regents criteria for entrance into a college or university.

\*\*Regarding health requirement: Beginning with the class of 2017 and beyond, students will be required to take .5 unit of health at any time during grades 6-12. This requirement can be met through middle school coursework. There will be no grade earned or credit assigned; and therefore, it does not count toward the student's GPA.

## Graduation Advanced Endorsements

In addition to the base requirements for the High School Diploma, students may earn advanced endorsements that are in alignment with the student's personal learning plan. Advanced endorsements outline specific coursework within the base diploma requirements to denote specific emphases.

Students may earn one or more of three advanced endorsements: Advanced Endorsement, Advanced Career Endorsement and Advanced Honors Endorsement.

The requirements beyond the base Garretson High School diploma requirements are listed in each advanced endorsement section below.

**ADVANCED ENDORSEMENT:** Complete GHS Graduation requirements, including the following

- Geometry 1 unit
- Algebra II 1 unit

**ADVANCED CAREER ENDORSEMENT:** Complete GHS Graduation requirements, and 2+ Units of any combination of the following:

- Approved Career & Technical Education units from the same career cluster
- AND
- Attainment of an industry-recognized credential or National Career Readiness Certificate of Silver or higher.

**ADVANCED HONORS ENDORSEMENT:** Complete GHS Graduation requirements and the requirements listed below with a "C" or higher.

- 4 Credits Math: Algebra I, Geometry, Algebra II and an Advanced Mathematics
  - 4 Credits Science: Biology, Physical Science, Chemistry or Physics, Science Elective
  - 2 Credits of any combination of the following:
    - Approved Career & Technical Education
- OR
- Modern or Classical Language; must be in the same language

## 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 8<sup>th</sup> 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 a modern or classical language (includes American Sign Language) OR Two (2) Units of Career and Technical Education (CTE) OR a combination of One (1) Unit of Modern or Classical Language and One (1) Unit of Career and Technical Education**: If taking two language courses, 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 should 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 Credit Program

South Dakota Department of Education 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 <https://sdmylife.com/prepping-for-college/dual-credit>.

- Admission requirements are set by the post-secondary institutions
- Families will be responsible for the cost of classes and materials, books, etc.
- Dual Credit final grades will be documented on the high school transcript
- Dual Credit courses will only be used as elective high school credits; will not replace specific GHS required classes

## 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. Consult with the institution you plan to attend for their AP acceptance policy. It will vary from institution to institution.

## NCAA & NAIA Requirements

### **NCAA Requirements**

As a prospective 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](http://www.ncaaclearinghouse.net).

### **NAIA Requirements**

As a prospective 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](http://www.playnaia.org).

## Introducing the 16 Career Clusters

South Dakota recognizes 16 career clusters. Career clusters are designed to help students acquire the knowledge and skills they need to reach their postsecondary and career goals. More information can be found at: <https://doe.sd.gov/cte/careerclusters.aspx>

### **Career Clusters:**

- Agriculture, Food & Natural Resources
- Architecture & Construction
- Arts, Audio/Visual Technology & Communications
- Business Management & Administration
- Education & Training
- Finance
- Government & Public Administration
- Health Science
- Hospitality & Tourism
- Information Technology
- Law, Public Safety & Security
- Manufacturing
- Marketing
- Science, Technology, Engineering & Mathematics
- Transportation, Distribution & Logistics

## BUSINESS DEPARTMENT

### **Accounting I (12104)**

**CTE Elective 10-12**

**1 Credit**

Accounting covers the financial aspect of business. It is the process of receiving and expending cash as well as moving cash to specific areas of a business. This course covers the basic principles of bookkeeping for a service business and merchandising business. Basic principles include the accounting equation, journalizing & posting, financial statements, and the accounting cycle.

### **Accounting II (12108)**

**CTE Elective 10-12**

**1 Credit**

*Prerequisite – Accounting*

Course description: Accounting 2 builds upon skills acquired in Accounting 1. Corporate accounting will be the emphasis with topics to include departmentalized accounting, reconciling uncollectible accounts, calculating depreciation on assets, interpreting financial information, and calculating notes and interest. This course will be presenting in a hybrid method with videos and materials provided online.

### **Personal Finance (22210)**

**Required 12**

**0.5 Credit**

Personal Finance is a semester course designed to prepare students for successful management of their personal finances. Throughout this course, students will learn how to analyze needs versus wants, set financial goals, read paychecks and tax forms, manage cash, and identify the value of saving and investing.

### **Employability (22152)**

**Required 12**

**0.5 Credit**

Course description: Students will develop skills and techniques they will need for the competitive job market. Topics will include job search techniques (creating resumes and cover letters, job interviewing, etc.), evaluating career options and job offers, and meeting employer expectations. Guest speakers will provide career knowledge and experience. The class will help prepare students for life after high school.

## COMPUTER

### **Foundations of Technology/Work Place Technology (10004)**

**Required 9 1 Credit**

Computer Applications covers word processing, spreadsheet software, presentation software and database software.

### **Multimedia (10203)**

**CTE Elective 9-12**

**1 Credit**

Multimedia covers creating original production pieces, meeting goals, timelines, and elements of style and design; writing original copy; effectively incorporating images, audio, animation and text media into multimedia presentation; and preparing product for publishing/distribution.

## ENGLISH DEPARTMENT

### **English/Literature I (01051)**

**Required 9**

**1 credit**

English/Literature (freshman & sophomore) courses are designed to introduce two or more genres of literature (novel, short story, poem, etc). 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.

### **English/Literature II (01051-2)**

**Required 10**

**1 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 as well as formal research papers and narratives. Literature will be used to study grammar and writing styles as well as be an independent component where students analyze author choices, plot development and effects, as well as themes and potential social commentary.







**Drawing & Painting (05155)**                      **Fine Arts Elective**    **10-12**                      **0.5 credit**  
*Prerequisite: Creative Art*

Focus on drawing. In keeping with this attention on two-dimensional work, students typically work with several media (pen-and-ink, pencil, chalk , etc), but some courses may focus on only one medium.

Focus on painting. In keep with this attention on two-dimensional work, students typically work with several media (such as watercolor, tempera, oils, acrylics and so on), but some courses may focus on only one medium.

**Intro to Pottery (05159)**                      **Fine Arts Elective**    **10-12**                      **0.5 credit**  
*Prerequisite: Creative Art*

Intro to Pottery covers three-dimensional works out of clay and ceramic material. Particular attention is paid to the characteristics of the raw materials, their transformation under heat, and the various methods used to create and finish objects.

## FOREIGN LANGUAGE DEPARTMENT

**Spanish I (06101)**                                      **Elective**                      **10-12**                      **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.

*NOTE: ONLY AVAILABLE THROUGH THE SD VIRTUAL HIGH SCHOOL:  
NSU eLEARNING*

**Spanish II (06102)**                                      **Elective**                      **10 – 12**                      **1 credit**  
*Prerequisite – Spanish I*

Spanish II courses build upon skills developed in Spanish I, extending students' ability to understand and express themselves in Spanish and increasing their vocabulary. Typically, students learn how to engage in discourse for informative or social purposes, write expressions or passages that show understanding of sentence construction and the rules of grammar, and comprehend the language when spoken slowly.

*NOTE: ONLY AVAILABLE THROUGH THE SD VIRTUAL HIGH SCHOOL:  
NSU eLEARNING*







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). This course qualifies as a college prerequisite.

**Chemistry (03101)** **Required** **11-12** **1.0 credit**

***Prerequisite - 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. This course qualifies as a college prerequisite.

**Anatomy (03053)** **Science Elective** **11-12** **1.0 credit**

***Prerequisite -Biology***

Usually taken after a comprehensive initial study of biology, Anatomy and Physiology courses present the human body and biological systems in more detail. In order to understand the structure of the human body and its functions, students learn anatomical terminology, study cells and tissues, explore functional systems (skeletal, muscular, circulatory, respiratory, digestive, reproductive, nervous, and so on), and may dissect mammals. This course qualifies as a college prerequisite.

**Biology 2 (03052)** **Science Elective** **11-12** **1.0 credit**

***Prerequisite -Biology***

Usually taken after a comprehensive initial study of biology, Biology—Advanced Studies courses cover biological systems in more detail. Topics that may be explored include cell organization, function, and reproduction; energy transformation; human anatomy and physiology; and the evolution and adaptation of organisms.

**Earth Science (03001)** **Science Elective** **9-12** **1.0 credit**

Earth Science offers insight into the environment on earth and the earth's environment in space. While presenting the concepts and principles essential to student's understanding of the dynamics and history of the earth, these courses usually explore oceanography, geology, astronomy, meteorology, and geography. This course qualifies as a college prerequisite.

**Microbiology (03060)** **Science Elective** **11-12** **1.0 credit**

***Prerequisite -Biology***

Microbiology courses provide students with a general understanding of microbes, prokaryotic and eukaryotic cells, and the three domain systems. Additional topics covered

may include bacterial control, cell structure, fungi, protozoa, viruses and immunity, microbial genetics, and metabolism.

**Physics (03151)**

**Science Elective**

**11-12**

**1.0 credit**

***Prerequisite -Geometry***

Physics courses involve 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. This course qualifies as a college prerequisite.



# AGRICULTURAL DEPARTMENT

**Introduction to Agriculture (18001)                      CTE Elective                      8th                      NO credit**

This class will cover a wide variety of fun topics including leadership development, plants, animals, natural resources and shop projects. This class is offered to all 8<sup>th</sup> graders. It prepares students up to jump right into FFA and all the opportunities that are available when they are in high school. 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.

\*\*\*This class is offered every year to 8<sup>th</sup> graders. \*\*\*

**Fundamentals of Animal Science (18101)                      CTE Elective                      9-12                      0.5 credit**

Fundamentals of Animal Science will address the basic knowledge and skills necessary to care for and meet the needs of animals, along with the soft skills necessary for careers in the Agriculture, Food and Natural Resources sector. Topics addressed in the course include large and small animal anatomy and physiology, animal health, safety working with animals, animal nutrition, reproductive systems, animal performance, animal industry issues and employability. Each student will be expected to maintain a Supervised Agricultural Experience (SAE).

*State Approved Industry Recognized Credential opportunity = Beef Quality Assurance, Masters of Beef Advocacy, Pork Quality Assurance Plus*

*Recommended for Freshmen/Sophomores.*

*Offered in the fall.*

**Advanced Animal Science (18107)                      CTE Elective 9-12                      0.5 credit**

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. Each student will be expected to maintain a Supervised Agricultural Experience (SAE).

*State Approved Industry Recognized Credential opportunity = Beef Quality Assurance, Masters of Beef Advocacy, Pork Quality Assurance Plus*

*Recommended Freshman/Sophomores.*

*Offered in the spring.*

**Agriculture Education Independent Study Option:  
Leadership & Personal Development (18203) CTE Elective            12            1 Credit**

The world population is expected to increase to 9 billion by 2050. The agricultural industry will need strong leadership to guide us to provide food, fiber and fuel for this growing population. Agricultural education prepares students for successful careers and a lifetime of informed choices in the global agriculture, food, fiber and natural resources systems. Agricultural Leadership and communications will provide students with fundamental skills for success in agricultural careers and team environments. Students will investigate a variety of topics essential to communication about the industry of agriculture. In addition to improving personal traits and career readiness, areas of study include interviewing writing with or without using opinion, research techniques, equipment and technology and presentation of news and agricultural markets. Each student will be expected to maintain a Supervised Agricultural Experience Program/Internship.

*State Approved Industry Recognized Credential opportunities = Registered Parliamentarian, Concepts of Entrepreneurship and Management (A\*S\*K), Concepts of Finance (A\*S\*K), Fundamental Business Concepts (A\*S\*K), Fundamental Marketing Concepts (A\*S\*K), Entrepreneurship & Small Business Certification, QuickBooks Certification*

*Limited to Senior(s)*

**Agriculture Education Independent Study Option:  
Agriculture Food Processing (18302)            CTE Elective            12            0.5 credit**

Agriculture Food Processing Technology highlights the raw commodity and its journey to consumer-ready, value-added products. Utilizing appropriate equipment, technology, mathematics, science and English, may enhance classroom and laboratory content and human relations skills will be reinforced in the course. Each student will be expected to maintain a Supervised Agricultural Experience (SAE).

*Limited to Juniors & Senior(s)*

**Agriculture Education Independent Study Option:  
Food Science (18305)            CTE Elective            12            0.5 credit**

The state of South Dakota is diverse in the agriculture products it produces and the value-added food products available to the consumer. Food Science is a course designed to provide students with an overview of food science and its importance to producers and consumers. Classroom and laboratory content may be enhanced by utilizing appropriate equipment and technology. Each student will be expected to maintain a Supervised Agricultural Experience (SAE).

*Limited to Juniors & Senior(s)*

**The following Ag courses are offered every 2 years.  
THESE COURSES ARE AVAILABLE 2024-2025.**

**Agribusiness, Marketing, Sales and Management (18201)**

**Available 2020-21**

**CTE Elective 10-12**

**0.5 Credit**

Agriculture businesses sell and market their products globally, regionally and locally, leading to many related positions at these businesses. Skills related to selling and marketing products greatly enhance the success of an employee in an agribusiness operation. Agribusiness Sales and Marketing is designed to provide students with skills that focus on job preparatory skills as well as employee tasks necessary in agricultural sales and marketing occupations and the many career opportunities in the Agribusiness Systems Career Pathway. Classroom and laboratory content may be enhanced by utilizing appropriate equipment and technology. Mathematics, English and human relations skills will be reinforced in the course. Work-based learning strategies appropriate for this course are school-based enterprises and field trips. Developing a business plan for an AFNR business as an authentic assessment for the end of the course is recommended. Opportunities for application of clinical and leadership skills are provided by participation in FFA activities, conferences and skills competition such as sales related career development events and proficiency awards. Each student will be expected to maintain a Supervised Agricultural Experience Program/Internship.

*State Approved Industry Recognized Credential opportunities = Registered Parliamentarian, Concepts of Entrepreneurship and Management (A\*S\*K), Concepts of Finance (A\*S\*K), Fundamental Business Concepts (A\*S\*K), Fundamental Marketing Concepts (A\*S\*K), Entrepreneurship & Small Business Certification, QuickBooks Certification*

*Recommended for Sophomores, Juniors and Seniors*

*Offered in the Spring*

**Agribusiness Management (18202)**

**CTE Elective 10-12**

**0.5 Credit**

Agribusiness Management introduces the business, management, marketing, and financial skills needed to successfully produce food, fiber, and fuel for domestic and global markets. Students will learn about the components of the agribusiness system and how they interact to deliver food to our tables. They will also learn about the key elements of a successful agribusiness enterprise: economics, financial management, marketing and sales, and government policies and regulations. Developing a business plan for an AFNR business as an authentic assessment for the end of the course is recommended. Opportunities for application of clinical and leadership skills are provided by participation in FFA activities, conferences and skills competition such as sales related career development events and proficiency awards. Each student will be expected to maintain a Supervised Agricultural Experience Program/Internship.

*Recommended for Sophomores, Juniors or Seniors*

*Offered in the Spring*



**Fundamentals of Ag Structures Technology (18403) CTE Elective 11-12 .5 credit**

Ag Structures Technology 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 Agriculture, 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 laboratory content may be enhanced by utilizing appropriate equipment and technology. Algebra, geometry, trigonometry, English and human relations skills will be reinforced in the course. Work-based learning strategies appropriate for this course are school-based enterprises and field trips. This class is reinforced through the FFA and Supervised Agricultural Experience (SAE) programs, the Ag Mechanics Career Development Event, and related Proficiency Experience or Internship Project. Each student will be expected to maintain a SAE.

*State Approved Industry Recognized Credential opportunities = OSHA 10 Hour Safety Certification*

*Recommended Juniors and Seniors*

*Offered in the fall*

**Fundamental Ag Mechanical Technologies (18401) CTE Elective 11-12 .5 credit**

Fundamental Ag Mechanical Technologies is offered to help students build basic knowledge and skills in agricultural mechanics through small engines, masonry/concrete, and electrical; along with soft skills necessary for careers in Agriculture, Food and Natural Resources sector. Topics covered in this course include: electricity and ag technology. Each student will be expected to maintain a Supervised Agricultural Experience (SAE).

*State Approved Industry Recognized Credential opportunities = OSHA 10 Hour Safety Certification, Certified SolidWorks Associate (CSWA), Drafter Certification*

*Recommended Juniors and Seniors*

*Offered in the spring every 2 years.*

**Horticulture (18053) CTE Elective 9-12 0.5 credit**

Horticulture is designed to customize it to our local industry needs following horticulture sectors: Landscape Design, Floriculture and/or Greenhouse Management. Topics include identification, use and management of equipment and materials, as well as managing plant growth and maintaining plants and equipment. Employment skills are an additional emphasis. All three of these industry sectors require skilled, educated employees. Classroom and laboratory content will be enhanced by utilizing appropriate equipment and technology. Mathematics, (geometry), science (physical science, biology, Chemistry), English and human relations skills will be reinforced in the course. Opportunities for application of clinical and leadership skills are provided by participation in FFA through

activities, conference and skills competitions. Each student will be expected to maintain a Supervised Agricultural Experience (SAE) program.

*State Approved Industry Recognized Credential opportunity = Commercial Applicator Certification (Pesticide), Private Applicator Certification (Pesticide)*

*Recommended for all grade levels.*

*Offered in the spring every 2 years*

**Wildlife and Fisheries (18501)**

**CTE Elective 9-12**

**0.5 credit**

Management of South Dakota's wildlife and fisheries is critical to our future economic stability. Skills gained in this area will be beneficial to students seeking careers in the many facets of wildlife and fisheries. The Wildlife and Fisheries course addresses the biological and environmental issues related to wildlife and fisheries management within our state. Classroom and laboratory content may be enhanced by utilizing appropriate equipment and technology. Biology, English and human relations skills will be reinforced throughout the course. Work-based learning strategies appropriate for this course are school-based enterprises and field trips. Opportunities for application of clinical and leadership skills are provided by participation in FFA activities, conferences and skills competitions such as the Natural Resources Career Development Event or related proficiency award areas. All students are expected to maintain a Supervised Agricultural Experience program.

*Recommended for All Grade Levels*

*Offered in the Fall 2022*

**The following Ag courses are offered every 2 years.**

**THESE COURSES ARE AVAILABLE 2023-2024.**

**Ag Metal Fabrication Technology (18404)**

**CTE Elective**

**11-12 1 credit**

NOTE: This course is a 2-period block of time. This time will allow students more time to get in depth and hands on.

The Ag Metal Fabrication Technology course provides students with advanced metal fabrication skills, which include Shielded Metal Arc Welding (SMAW), Metal Inert Gas (MIG) welding/Gas Metal Arc Welding (GMAW), oxyacetylene fuel welding, brazing and cutting, Gas Tungsten Arc Welding (GTAW)/Tungsten Inert Welding (TIG), and plasma cutting. Each student will be expected to maintain a Supervised Agricultural Experience (SAE).

*State Approved Industry Recognized Credential opportunities = Certified Welder (AWS), OSHA 10 Hour Safety Certification*

*Recommended Juniors and Seniors*

*Offered in the fall.*

**Fundamentals of Ag Structures Technology (18403) CTE Elective 11-12 1 credit**

NOTE: This course is a 2-period block of time. This time will allow students more time to get in depth and hands on.

Ag Structures Technology 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 Agriculture, 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 laboratory content may be enhanced by utilizing appropriate equipment and technology. Algebra, geometry, trigonometry, English and human relations skills will be reinforced in the course. Work-based learning strategies appropriate for this course are school-based enterprises and field trips. This class is reinforced through the FFA and Supervised Agricultural Experience (SAE) programs, the Ag Mechanics Career Development Event, and related Proficiency Experience or Internship Project. Each student will be expected to maintain a SAE.

*State Approved Industry Recognized Credential opportunities = OSHA 10 Hour Safety Certification*

*Recommended Juniors and Seniors*

*Offered in the spring*

**Fundamental of Plant Science (18051) CTE Elective 9-12 0.5 credit**

The plant science industry is a large part of the economic structure in South Dakota, from crop and forage production, to horticulture and forestry. Every corner of South Dakota is involved in the plant science field. In this course, students develop the necessary knowledge, skills, habits and attitudes for both entry-level employment and advancement in areas such as production agriculture, research, and horticulture, including the soft skills necessary to be successful. Topics covered in this course include plant anatomy and physiology, environmental impacts and plant growth, production and harvesting, and employability skills. Classroom and laboratory content may be enhanced by utilizing appropriate equipment and technology. Algebra, biology, English and human relations skills will be reinforced in the course. Fundamental Plant Science is reinforced through the FFA and Supervised Agricultural Experience (SAE) activities such as the Agronomy Career Development Event and related Proficiency Awards. Each student will be expected to maintain a SAE.

*State Approved Industry Recognized Credential opportunity = Commercial Applicator Certification (Pesticide), Private Applicator Certification (Pesticide)*

*Recommended for All Grade Levels*

**Advanced Plant Science (18051)****CTE Elective 9-12****0.5 credit**

The plant science industry is a large part of the economic structure in South Dakota, especially crop and forage production. Every corner of South Dakota is involved in the plant science field. In Advanced Plant Science, students develop the necessary knowledge, skills, habits and attitudes for both entry-level employment and advancement within agronomy and related plant science occupations. Topics include plant anatomy, physiology, and classification, sustainability in agronomic operations, pest management, and employability skills. Classroom and laboratory content may be enhanced by utilizing appropriate equipment and technology. Algebra, biology, English and human relations skills will be reinforced in the course. Advanced Plant Science is reinforced through the FFA and Supervised Agricultural Experience (SAE) activities such as the Agronomy Career Development Event and related Proficiency Awards. Each student will be expected to maintain a SAE.

*State Approved Industry Recognized Credential opportunity = Commercial Applicator Certification (Pesticide), Private Applicator Certification (Pesticide)*

*Recommended for All Grade Levels*

*Offered in the spring every 2 years*

**Natural Resources (18504)****CTE Elective 9-12****0.5 credit**

People depend on natural resources. Regions, cultures, nations, and societies are shaped by how people use land, water, plants, and wildlife. South Dakota's natural resources – minerals, forests, ranges, wetlands, lakes, rivers, soils, along with all connected domestic and native plant and animal communities – play an important role in its economic health, including mining, agriculture, outdoor recreation and tourism. The large and small ecosystems that make up the environment are complex. Fundamental Natural Resources provides students with an overview of the planet's natural resource systems, along with examining those resources unique to South Dakota. Students will explore and develop a basic understanding of how the systems relate to one another. Students will consider the roles people play in, and the occupations related to managing using, protecting and conserving natural resources. Each student will be expected to maintain a Supervised Agricultural Experience (SAE) Program/Internship.

*Recommended for All Grade Levels*

**Fundamental Horticulture (18052)****CTE Elective 9-12****0.5 credit**

Fundamental Horticulture is designed to give students a background in horticultural science and the many career opportunities in nursery, garden, turf and landscape industries. Fundamental Horticulture address the biology and genetics involved in production processing and marketing of horticulture. Quality nursery and landscape operations require skilled, educated employees. In this course, students develop the necessary knowledge and skills for both entry-level employment and advancement within the horticulture industries. Topics covered include classifying and identifying plants, physiology and propagation, pest management, understanding soil, environmental and fertility factors affecting plant growth, various horticulture industry sectors and

employability skills. Each student will be expected to maintain a Supervised Agricultural Experience (SAE).

*State Approved Industry Recognized Credential opportunity = Commercial Applicator Certification (Pesticide), Private Applicator Certification (Pesticide)*

*Recommended for all grade levels.*

*Offered in the fall every 2 years.*

**Agriculture Food Processing (18302)                      CTE Elective    9-12                      0.5 credit**

Agriculture Food Processing Technology highlights the raw commodity and its journey to consumer-ready, value-added products. Utilizing appropriate equipment, technology, mathematics, science and English, may enhance classroom and laboratory content and human relations skills will be reinforced in the course. Each student will be expected to maintain a Supervised Agricultural Experience (SAE).

*Recommended for All Grade Levels.*

*Offered in the spring every 2 years.*

**Food Science (18305)    CTE Elective    9-12                      0.5 credit**

The state of South Dakota is diverse in the agriculture products it produces and the value-added food products available to the consumer. Food Science is a course designed to provide students with an overview of food science and its importance to producers and consumers. Classroom and laboratory content may be enhanced by utilizing appropriate equipment and technology. Each student will be expected to maintain a Supervised Agricultural Experience (SAE).

*Recommended for All Grade Levels.*

*Offered in the spring every 2 years*

## OTHER ELECTIVES

**Life Management (25013)**                      **Elective**                      **19-2**                      **0.5 Credit**

Life Management courses focus on personal health topics (such as nutrition, stress management, drug/alcohol abuse prevention, disease prevention, and goal setting). Course objectives include helping students develop decision-making, communication, interpersonal, and coping skills and strategies.

*Recommended for all grade levels.*

**Teacher/Office Aide (22055)**                      **Elective**                      **12**                      **0.5 Credit**

Teacher/Office Aide allows students the opportunity to gain experience working with teachers or in school offices completing a variety of assigned responsibilities. Students must complete an application with the teacher that they would like to be an aide for signing off on the application approving that they have a need.

*This course is only available for juniors and seniors.*

## CAPSTONE EXPERIENCES

**Senior Experience (80019)**                      **CTE Elective 12**                      **0.5 Credit**

Senior Experience is based on a personal proposal that requires students to demonstrate not only what they know but what they can do. Students will be expected to conceive a plan of action that incorporates the following four elements: a product, research component, portfolio and presentation. Capstone: Senior Experience calls upon students to use skills they have acquired and practiced throughout formal education. It will take them out of their comfort zones, preparing them for life beyond high school.

*This course is only available for seniors.*

**Youth Internship (80018)**                      **CTE Elective 11-12**                      **0.5 Credit**

Youth internships allow students to gain authentic, real-world experience in business and industry. Students' interests, strengths, and chosen career clusters/pathways determine the internship experience(s). Based on the internship experience(s), students will gain insight to their postsecondary personal learning plan.

NOTE: Class size limits are in place for this class. Students must complete an internal application to be considered as an candidate. Candidates will have further application requirements based on the internship site needs.

## VIRTUAL LEARNING AND OTHER OFF CAMPUS OPTIONS

### **South Dakota Virtual High School – <https://sdvs.k12.sd.us/>**

SD VHS is the only authorized provider of virtual high school courses (not to be confused with Dual Credit College courses) that are approved by the SD Department of Education. All Virtual High School registrations must go through the school counselor or principal.

- Classes taken through SD VHS will be documented on the transcript with a final grade and credit earned
- The student's family will be responsible for the cost of any class taken, as well as class materials unless deemed appropriate and necessary by the school

There is typically a \$300-\$350 charge to take many of these classes.

### **Northern State University e-Learning Center – <https://www.northern.edu/academics/elearning>**

Northern State University's Center for Statewide E-learning provides distance delivery of DDN and Internet-based college-prep and AP high school courses.

E-Learning Center courses are provided free to schools according to priority ratings established by the Department of Education. Priority is given to small, rural schools. Course offerings vary year to year. A sampling is listed below:

- Anatomy/Physiology
- AP Biology
- AP Calculus
- AP Chemistry
- AP Physics I
- AP Statistics
- AP US History
- College Readiness: English and Math courses
- Honors Earth Science
- Spanish I, II, III, and IV
- A variety of electives including: Intro to Business, Business Law, Earth/Space Science, Forensic Laboratory Science, Native American Studies, Psychology, Sociology

### **Garretson Academy Online Courses**

Garretson Academy is an option for students who want to take a selection of high school elective courses. There is no charge to take these classes. Student progress is monitored on a weekly basis and shared with the parents. The coursework is available through the online vendor Edgenuity. Students must first be approved by the counselor or principal to register for a class period in Garretson Academy.

Some of the classes available include:

- Economics
- Environmental Science
- Art History
- Music Appreciation
- Music Theory
- ACT Prep
- A Variety of Social Studies Electives
- Credit Recovery

### **Career and Technical Educational Academy (CTE)**

**[https://www.sf.k12.sd.us/images/docs/school\\_specific\\_documents/cte/CTE\\_Catalog.pdf](https://www.sf.k12.sd.us/images/docs/school_specific_documents/cte/CTE_Catalog.pdf)**

The Garretson School District has purchased 3 slots in the Sioux Falls School District Career and Technical Educational Academy (CTE). The CTE Academy offers over 40 state approved CTE courses in several different focused programs. This state-of-the-art Academy offers a continuum of courses from introductory level to highly advanced. Any students in grades 10-12 may apply to attend. Students must take GHS required courses and can attend CTE's 1<sup>st</sup> block in the morning, which is from 07:45 until 09:25 am or 3<sup>rd</sup> block in the afternoon, which is from 1:20-3:00 pm. Students must provide their own transportation.

Some of the classes available include: Intro to Arts/AV Technology, Health Careers, Welding, Intro to Auto, Hospitality & Tourism Management, Restaurant Management, Culinary Arts, Project Lead the Way: Engineering and Biomedical Science, Intro to Human Services, Aviation, and Construction, and more.

Students interested in CTE Academy are required to complete an application to be considered by Garretson High School. See School Counselor or Principal for an application. Applications are also posted on the Garretson School District Website.











# PERSONAL LEARNING PLAN

FIRST NAME: \_\_\_\_\_ LAST NAME: \_\_\_\_\_

Top 3 Match Maker Results

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

Top 3 Career Clusters That Interest Me

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

Top 3 Careers That Interest Me

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

My Reason Why Graduation is Important: \_\_\_\_\_

\_\_\_\_\_

GPA: \_\_\_\_\_ Credits: \_\_\_\_\_

ACT: \_\_\_\_\_ NCRC: \_\_\_\_\_

Industry standard credentials: \_\_\_\_\_

Other Notes (Classes, Senior Project ideas, Colleges, Tech Schools, Branches of Military Service): \_\_\_\_\_

\_\_\_\_\_

# Garretson High School Four-Year Plan

FIRST NAME: \_\_\_\_\_ LAST NAME: \_\_\_\_\_

**Graduation Plan:** Standard Diploma  
Advanced Endorsement

**Advanced Careers Endorsement**  
**Advanced Honors Endorsement**

**Post High School Plan:** College  
Work Force Other:

Technical School

Military

### English (4.5 Credits)

(9<sup>th</sup>) English/Lit I

(10<sup>th</sup>) English/Lit II

(10<sup>th</sup>) Speech

(11<sup>th</sup>) American Lit

(12<sup>th</sup>) AP English or Brit Lit

### Science (3 Credits)

(9<sup>th</sup>) \*Physical Science

(10<sup>th</sup>) **Biology**

(11-12<sup>th</sup>) \*Chem or Physics

NOTE: These sciences will keep students on track for all advanced endorsements.

### Social Studies (3 Credits)

(9<sup>th</sup>) World Geography/History

(11<sup>th</sup>) US History

(12<sup>th</sup>) US Government

Social Studies Elective or US Govt

NOTE: Social Studies elective may be considered as a substitute for .5 of US Government for early grad and special circumstances.

### Math (3 Credits)

(9<sup>th</sup>) **Algebra I**

(10-11<sup>th</sup>) \*Geometry

(10-11<sup>th</sup>) \*Algebra II

NOTE: These math classes will keep students on track for all advanced endorsements. Consumer Math may be substituted with Advanced Careers Endorsement only.

### Required Electives (3.5 Credits)

(9<sup>th</sup>) Workplace Technology

(12<sup>th</sup>) Personal Finance

(12<sup>th</sup>) Employability

Fine Arts

(8<sup>th</sup> & 10<sup>th</sup>) Health/Fit for Life

NOTE: 8<sup>th</sup> Grade Health is Pass/Fail, no credit is assigned.

### Advanced Honors Endorsement

4 Credits Advanced Math = HONORS

4 Credits Science = HONORS

2 credits any combo of CTE or Foreign Language:

**All coursework must be completed with a C or higher.**

### Advanced CAREERS Endorsement

Silver or better on NCRC

Other Credential(s)

2 Credits CTE Class:  or Capstone

### Advanced Endorsement (1 credit)

CTE Class  or Foreign Language

### Electives

9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade

**23 credits are required for graduation**