

# Course Catalog

Hot Springs Secondary School

# 2022- 2023

This catalog describes the courses offered at Hot Springs High School and the graduation requirements from the school.

Work, Learn,  
Achieve,  
Celebrate!



## **2022-2023 Course Catalog Hot Springs High School**

The Course Description Catalog is designed for the use of students and their parents in planning course selection for the 2022-2023 school year. Courses described in this catalog are possible offerings for next year. A course may not be scheduled because of insufficient enrollment. Students should be aware of this fact when they make their course selections and provide alternative choices.

Students should make sure they are choosing courses that complete requirements for graduation. Courses should be selected to provide solid preparation for the type of post-secondary education or work they plan to pursue. Administrators and Counselors are available during school months to discuss course offerings and their selection with students and parents.

## Contents

Graduation Requirements .....	3
Class Requirements .....	3
Entrance Requirements for South Dakota Public Colleges .....	4
College Entrance Exams.....	4
American College Test (ACT) .....	4
Scholastic Aptitude Test (SAT).....	4
Entrance Tests for Trade or Vocational Schools .....	4
Virtual and Correspondence Coursework .....	4
DUAL CREDIT .....	4
Early Graduation Requirements .....	6
COURSE DESCRIPTIONS .....	7
CAREER AND TECHNICAL EDUCATION (CTE) .....	7
AGRICULTURE, FOOD, NATURAL RESOURCES (AFNR) PROGRAM.....	7
BUSINESS EDUCATION .....	8
FAMILY AND CONSUMER SCIENCE .....	11
SCIENCE TECHNOLOGY AND MATH (STEM) .....	13
INDUSTRIAL TECHNOLOGY EDUCATION .....	13
LANGUAGE ARTS.....	14
MATHEMATICS.....	17
SCIENCE .....	18
SOCIAL STUDIES .....	20
FINE ARTS .....	22
PHYSICAL EDUCATION .....	23
WORLD LANGUAGES .....	24
NSU STATEWIDE LEARNING.....	26
WESTERN DAKOTA TECH DUAL CREDIT .....	29
DROP ADD POLICY .....	32
CREDIT CHECK FORM.....	33
MIDDLE SCHOOL COURSE CATALOGUE .....	34

## Graduation Requirements

<u>Class</u>	<u>Required Credits</u>	<u>Required Classes</u>
English	4.5 credits	English I, English II, English III & Speech and English IV Creative Writing, Technical Writing
Mathematics	3 credits	Algebra I, Geometry <b>Electives:</b> Algebra II Pre-calc, College Bound Algebra, Business Math
Science	3 credits	Biology plus electives to complete 3 credits.
Social Studies	3 credits	Geography (Sem Class), World History, US History and American Government (Sem Class)
Physical Ed.	.5 credit	Lifetime Activities or Strength & Conditioning
Health	.5 Credit	
Fine Arts	1 credit	Any music class or Art
Career & Tech Ed	1.5 credits	Careers, Personal Finance, and Senior Experience
Electives	5 credits	

## Class Requirements

Students (10-12) involved in athletics, choir, band, cheerleading, and/or student council must earn full credit in at least four (4) courses each semester of their senior year in order to fulfill eligibility requirements.

**Freshmen:** Six classes per semester are required, and a study hall is recommended. Required courses are English, science, social studies, and math. If a freshman decides to take seven classes, parents need to closely monitor the student's progress.

**Sophomores:** Six classes per semester are required, and a study hall is recommended. Courses include English, math, World History, Careers and Biology.

**Juniors:** Six classes per semester are required including English, math, science, speech and US history. The fine arts and physical education requirements for graduation should ideally be completed by the end of this year.

**Seniors:** Seniors must take six classes per semester including English, personal finance, senior experience, and government, along with any other requirements not completed.

Technical schools and colleges have entrance requirements in regard to the completion of specific high school courses. Many colleges require two years of world languages for full admission. Be sure to check college catalogs or internet sites for this information.

It is recommended that seniors take as many courses as they can in order to have the best possible preparation for future study or work. Hot Springs High School offers a variety of courses, allowing students an opportunity to broaden their knowledge. Seniors who are planning on college should know that colleges and universities admit students by considering various criteria. These criteria may include: SAT or ACT scores, course content, rank in class, grade point average, and institutional entrance examinations.

Students must meet the prerequisite requirements before enrolling in a course.

## **Entrance Requirements for South Dakota Public Colleges**

The Regents Office has directed each of the institutions to use the following criteria in evaluating student's high school transcripts:

- ❖ English - 4 units
- ❖ Mathematics – Algebra I, plus 2 units of geometry or other advanced mathematics.
- ❖ Lab Science – Biology I plus 2 units in chemistry, physics, physical science, or other science electives
- ❖ Social Studies – US History, Government, plus 1.5 units such as history, geography, or other electives
- ❖ Physical Education – 1/2 unit
- ❖ Health – 1/2 unit
- ❖ Fine Arts - 1 unit
- ❖ Foreign Language – (2 units recommended)
- ❖ Personal Finance – (1/2 unit)
- ❖ CTE – 1 unit

## **College Entrance Exams**

Before registering to take any college entrance exam, check the college catalogue for your prospective school to see which exam is accepted. Applications for the ACT and SAT are available online. Study guides are also available on the Internet. Seniors are advised to register for the early test dates and juniors may wish to test in the spring of the year. A fee is charged for these tests and pre-registration is necessary. Most of the South Dakota colleges prefer the ACT.

### **American College Test (ACT)**

The ACT is administered on 5 separate Saturday dates throughout the area, with Hot Springs being one of them. It includes general tests in the areas of English, math, writing, reading, and natural sciences. Seniors are advised to register for the earliest possible test date so that their scores are available for early admission and scholarship applications. A fee is charged for these tests and pre-registration is necessary. All colleges across the nation accept the ACT and every South Dakota university/college.

### **Scholastic Aptitude Test (SAT)**

The SAT includes general tests of verbal, math and writing. Achievement Tests can also be taken in a number of subject areas. Some schools require both the ability and achievement tests; others ask only for the abilities portion.

### **Entrance Tests for Trade or Vocational Schools**

The admissions requirements for a trade or vocational school will vary. Most schools require a high school diploma or its equivalent and an Accuplacer exam. Please consult with the school's catalogue or admissions officer for the correct information.

### **Virtual and Correspondence Coursework**

All Virtual and Correspondence coursework must be pre-approved by the principal or designee.

## **DUAL CREDIT**

Registering for Fall 2021 Dual Credit begins April 1 and is on-going until the end of the first day of university classes in the Fall.

**Dual Credit is NOT easy! It is a COLLEGE COURSE. You should only look into this option if you are serious about your studies and motivated to achieve at this level.**

**Warning! There is a LOT of information here. Take your time. Ask questions. Be listening for informational meetings coming up at school.**

### Dual Credit General Info:

1. This costs money to you/your parent or guardian. It is at a reduced rate of \$48 dollars per credit which is 1/3 the cost of normal tuition. A 3-credit class will be about \$144+ fees and books.
2. A 3 credit college course counts as 1 high school credit at HSHS
3. 3 classes are the max and may not be approved depending on your previous grades and ambition. HSHS encourages 2 as your max as you are starting out. Taking one is a GREAT option to get your feet wet! After taking just one, you will know more about how much is asked of you in a college level course.
4. Common Junior courses taken in Dual Credit: US History, Psychology, Art Appreciation, Music Appreciation, College Algebra (with a qualifying math ACT score), Speech.
5. Common Senior courses: same as listed for Juniors plus COMP-101 (with qualifying ACT score)
6. Link to available classes (make sure you only look at the on-line ones): <https://apps.sd.gov/de68dual/index.html>
7. Also, SDSU and BHSU offer scholarships based on how many Dual Credit classes you take from their school. If you are considering going to either of these schools, you might choose only classes from that school.

### Eligibility

1. If you are interested in the opportunity of Dual Credit classes next Fall, **check to see if you are eligible:**
  - a. Junior Eligibility:
    - i. High school junior eligible to enroll in a high school in South Dakota who meets one of the following requirements:
      1. earn an ACT composite score of 24 reflective of the 70% percentile;
      2. **OR** rank in upper one-third of their graduating class;
      3. **OR** earn a cumulative GPA of at least 3.50 on a 4.0 scale
  - b. Senior Eligibility:
    - i. High school senior eligible to enroll in a high school in South Dakota who meets one of the following requirements:
      1. earn an ACT composite score of 21 reflective of the 50% percentile;
      2. **OR** rank in the upper one-half of their graduating class;
      3. **OR** earn a cumulative GPA of at least 3.25 on a 4.0 scale;
  - c. If you still have questions about eligibility, email a counselor or principal, or check here:  
[https://www.sdbor.edu/administrative-offices/academics/academic-affairs-guidelines/Documents/7\\_Guidelines/7\\_1\\_Guideline.pdf](https://www.sdbor.edu/administrative-offices/academics/academic-affairs-guidelines/Documents/7_Guidelines/7_1_Guideline.pdf)

### 2. **IMPORTANT NEW RULE:**

- a. No F's (Failing) or W's (Withdrawing) or you could make yourself ineligible.
  - i. During the 2020 Legislative Session, changes were made to **SDCL § 13-28-37.1** with regard to continuing eligibility in the High School Dual Credit program. Starting with grades earned during the Fall 2020 Semester, any student who fails or withdraws from a HSDC course will no longer be eligible for the program in future semesters, absent a showing of good cause.

### Signing Up:

1. Read the options about signing up with Method 1 or Method 2 carefully
  - b. **If you have never taken dual credit before or took a semester off from dual credit, choose Method 1**
    - i. Choose an institution listed there as your home base. You will not be restricted to classes from just that university.
    - ii. You will be asked to log in or create a new log in

- iii. You will be asked for your name and email as well as a parent name and email and a school official name and email.
  - 1. For school official use: Brad Zachow, brad.zachow@k12.sd.us
- c. If you took dual credit this (Spring 2022) semester, click **Method 2**
  - i. This is a new electronic form.
    - 1. Choose the institution to use as your home base and click that link.
      - a. As usual, you will still be able to take classes from any of the schools after you select your home base.
    - 2. You will be asked for your name and email as well as a parent name and email and a school official name and email.
    - 3. For school official use: : Brad Zachow, brad.zachow@k12.sd.us
- d. If you do Method 1 or Method 2, you will need parent signature and school official (Mr. Zachow) signature.
  - i. There is an option to do this all through email and it works great!

#### **School websites to check/sign up.**

- e. <https://www.bhsu.edu/Admissions/Apply/Dual-Credit/>
- f. <https://www.sdstate.edu/continuing-distance-education/guide-dual-credit-success>
- g. <https://www.usd.edu/admissions/dual-credit>
- h. <https://northern.edu/academics/dualcredit>
- i. <https://dsu.edu/admissions/undergraduate/dual-credit.html>
- j. <https://www.sdsmt.edu/Admissions/Apply/Dual-Credit-FAQ/>

#### **Helpful state sites to check.**

- k. <https://www.sdbor.edu/administrative-offices/academics/ReducedTuitionDualCredit/Pages/default.aspx>
- l. <https://apps.sd.gov/de68dual/index.html> - All the dual credit classes in the state. Make sure you sign up for ONLINE sections.

### **Early Graduation Requirements**

Early graduation is defined as graduating prior to the completion of 8 consecutive semesters of high school beginning with the first semester of a student's freshman year in high school. See Hot Springs School Board Policy IKF. Early graduation will be allowed under the following guidelines:

1. Students who will meet the graduation requirements by the end of their first semester senior year or final semester of the junior year must submit a letter of application to the principal not later than the end of the first semester of the junior year. This letter must be signed by the student's parents and have the approval of the guidance counselor, at least one classroom teacher and the principal.
2. The student may graduate early at the discretion of the Board.
3. Students who complete their work and are eligible for early graduation may participate in traditional graduation exercises at the end of the school year.
4. No separate graduation exercise will be provided for early graduates.
5. Early graduates will not be included in the class rank of the class with which they are eligible to participate in graduation exercises.
6. According to the definition of valedictorian and salutatorian, early graduates are not eligible for those awards.
7. Diplomas will only be awarded at the end of a semester, and then only to students who completed their last semester as a full-time Hot Springs High School student.
8. **Early graduates lose all student privileges upon graduation including, but not limited to, participation in homecoming, prom, sports, and fine arts activities.**

## **COURSE DESCRIPTIONS**

### **CAREER AND TECHNICAL EDUCATION (CTE)**

#### **AGRICULTURE, FOOD, NATURAL RESOURCES (AFNR) PROGRAM**

##### **Ag 1 - Intro to Ag (yearlong course)**

Credit: 1.0	Course Length: Year-Long	Prerequisite: None
Grade: 9th/10th	Grading Scale: Unweighted	Credit: Elective

##### **Course Description:**

This course allows students to study a variety of agricultural topics throughout the six Agriculture, Food, and Natural Resources pathways. It serves as an introduction to much of the coursework included within the AFNR cluster. Application of clinical and leadership skills are provided by participating in FFA activities, conferences, and skills competitions such as the Career Development Events and proficiency awards. 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. Each student will be expected to maintain a Supervised Agricultural Experience (SAE).

##### **Ag 2 - Natural Resources - Fundamentals of Horticulture**

Credit: 1.0	Course Length: Year-Long	Prerequisite: Intro to Ag
Grade: 10th	Grading Scale: Unweighted	Credit: Elective

##### **Course Description:**

Fall Semester: 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 Spring Semester: Fundamental Horticulture addresses 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.

##### **Ag 3 - Ag Leadership - Animal Science**

Credit: 1.0	Course Length: Year-Long	Prerequisite: Intro to Ag
Grade: 11th	Grading Scale:	Unweighted Credit: Elective

##### **Course Description:**

Fall Semester: Agriculture 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 communicating 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, researching techniques, equipment and technology, and presentation of news and agricultural markets. Spring Semester: Fundamental Animal Science will address the basic 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 addressed in the course include: animal anatomy and physiology, animal health, safely working with animals, animal nutrition, reproductive systems, animal performance, animal industry issues, and employability. Utilizing appropriate equipment and technology should enhance classroom and laboratory content.



#### Ag 4 - Ag Sales & Marketing - Agribusiness Management

Credit: 1.0

Course Length: Year-Long

Prerequisite: Intro to Ag

Grade: 12th

Grading Scale: Unweighted

Credit: Elective

##### Course Description:

**Fall Semester:** 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.

**Spring Semester:** 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 competitions such as sales related career development events and proficiency awards.

#### Employability & Careers

Credit: 1.0

Course Length: Semester-Long

Prerequisite: None

Grade: 9-11th

Grading Scale: Unweighted

Credit: Elective

##### Course Description:

Career Exploration is an exploratory course that helps students identify their skills and interests while also providing direction towards possible career choices. This course provides an understanding of the sixteen career clusters. This course will help students create and maintain career plans through experiential learning and hands-on activities.

#### Equine Science 0.5 credits

Credit: 1.0

Course Length: Semester-Long

Prerequisite: Intro to Ag

Grade: 11-12th

Grading Scale: Unweighted

Credit: Elective

##### Course Description:

Equine Science is a course designed to enhance the understanding of equine care and systems. Students will develop a deeper understanding of career opportunities, industry expectations, knowledge and skills related to the care and maintenance of horses, donkeys, and mules. In addition, students will learn about the various species and breeds of horses, and their body systems.

## BUSINESS EDUCATION

#### Personal Finance – (Graduation Requirement)

Credit: .5

Course Length: Semester

Prerequisite: None

Grade: 12

Grading Scale: Unweighted

Credit: Business

Understanding and managing personal finances are key to one's future financial success. This one-semester required course presents essential knowledge and skills to make informed decisions about real world financial issues. Students will learn how choices influence occupational options and future earning potential. Students will also learn to apply decision-making skills to evaluate career choices and set personal goals. The course content is

designed to help the learner make wise spending, saving and credit decisions and to make effective use of income to achieve personal financial success. Areas of study include: Money Management; Borrowing; Earning Power; Investing; Financial Services and Insurance. This course meets the content standards for the SD high school graduation requirement.

#### **Youth Internship\*\*New Class**

Credit: .5-1.0 (.5 = 1 pd 1.0 = 2 pds)	Course Length: Semester	Prerequisite: None
Grade: 10 – 12	Grading Scale: Unweighted	Credit: Elective

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.

#### **Youth Work Experience/Apprenticeship\*\*New Class**

Credit: .5-1.0 (.5 = 1 pd 1.0 = 2 pds)	Course Length: Semester	Prerequisite: None
Grade: 10 – 12	Grading Scale: Unweighted	Credit: Elective

Youth Apprenticeship helps students gain work experience while earning a wage with a registered sponsor\*. An apprenticeship is designed for students to acquire hands-on job skills in a specific occupational area. Their experience will be gained through a career site and classroom instruction. Students earn high school credit as well as hours towards a registered apprenticeship. At the completion of the high school apprenticeship program, students can continue their apprenticeship to earn a nationally recognized credential. Youth apprenticeship differs from an internship in that apprenticeships guarantee students receive a wage, hours towards a registered apprenticeship and the opportunity to receive a nationally recognized credential at the completion of the registered apprenticeship program.

#### **Computer Applications**

Credit: 0.5	Course Length: Semester	Prerequisite: None
Grade: 9 – 12	Grading Scale: Unweighted	Credit: Elective

Computer Applications is a course in which students will gain the general usage of technology, software, and applications. Topics covered include: word processing, spreadsheets, presentations, operating systems, Internet browsers, search engines, database, digital literacy, netiquette and citizenship.

#### **Computer Graphics\*\*New Class**

Credit: 0.5	Course Length: Semester	Prerequisite: None
Grade: 9 – 12	Grading Scale: Unweighted	Credit: Elective

Graphic Design I explores Legal and Ethical Issues, Career Opportunities, Fundamentals of Computer Graphics, Raster or Vector Graphics, Tools Used to Create Graphics, 2D & 3D Basic Animations. Explore more options available to students in the Microsoft Office programs.

#### **Accounting I**

#### **Accounting I**

Credit: .5	Course Length: Semester - Fall	Prerequisite: None
Grade: 10 – 12	Grading Scale: Unweighted	Credit: Elective

Accounting is the language of business and an integral aspect of all business activities. Accounting I introduces concepts and principles based on a double entry system of maintaining financial records for a sole proprietorship, partnership, and corporation. It includes analyzing business transactions, journalizing, posting, and preparing worksheets and financial statements. Technology will be incorporated as an essential tool where resources are available. Computerized accounting may be incorporated where resources are available.

#### **Accounting II\*\*New Class**

Credit: .5	Course Length: Semester - Spring	Prerequisite: None
------------	----------------------------------	--------------------

Grade: 10 – 12

Grading Scale: Unweighted

Credit: Elective

Accounting II will cover the accounting cycle of a merchandising business. Accounting II introduces concepts and principles based on a double entry system of maintaining financial records, including analyzing business transactions, journalizing, posting, and preparing worksheets and financial statements. Technology will be incorporated as an essential tool where resources are available. Computerized accounting may be incorporated where resources are available.

#### **Street/Business Law**

Credit: .5

Course Length: Semester

Prerequisite: None

Grade: 10 – 12

Grading Scale: Unweighted

Credit: Elective

Business Law courses emphasize legal concepts that are relevant to business and business organizations. Topics examined in these courses typically include contracts, buying/renting property, installment buying, insurance, buyer/seller relationships, negotiable instruments, employment, taxes, insurance, commercial papers, legal organizational structures, and consumer liabilities.

#### **Sports Marketing**

Credit: .5

Course Length: Semester

Prerequisite: None

Grade: 10 – 12

Grading Scale: Unweighted

Credit: Elective

Sports and Entertainment Marketing courses provide students with a thorough understanding of fundamental marketing and management concepts and theories as they relate to the sports and entertainment industries. Content may address promotion of sports/events, licensing, sponsorship and endorsements, branding, marketing research, product development, pricing and distribution strategies, sales, event planning, and the role of existing and emerging technologies. These courses may also encourage students to develop job skills and explore career options.

#### **Business Management\*\*New Class**

Credit: .5

Course Length: Semester

Prerequisite: None

Grade: 10 – 12

Grading Scale: Unweighted

Credit: Elective

Business Management focuses on the development of the planning, organizing, leading, and controlling functions required for the production and delivery of goods and services. This applied knowledge course addresses the management role of utilizing the businesses' resources of employees, equipment, and capital to achieve an organization's goals.

#### **Intro to Business**

Credit: .5

Course Length: Semester

Prerequisite: None

Grade: 10 – 12

Grading Scale: Unweighted

Credit: Elective

The Senior Experience (required) is a Capstone Project which consists of four phases. The first phase includes the preparation of a research paper by each student in a career area which has been shown by various surveys to be in the student's top interest area. The second phase includes the creation of a product that is an appropriate and logical extension of the research paper. The third phase is the portfolio which includes specific writing throughout the project period. The fourth phase is a presentation before a Senior Experience panel with a ten-to-fifteen-minute formal speech on the paper, the project, portfolio and personal growth.

## Family and Consumer Science

### 19201 Fashion Design

Credit: .5	Course Length: Semester	Prerequisite: None
Grade: 9-12	Scale: Unweighted	Credit: Elective

Fashion Design is intended to help students explore different aspects of careers in the fashion design industry. Students will study the history of the fashion industry, elements and principles of design, textile composition, and fashion illustration. Students will explore trends in fashion design and engage with industry specific technology used to produce fabrics and create fashion lines. Students will be introduced to basic sewing skills. Enrollment in this course allows students to become members of FCCLA.

### 19205 Interior Design I

Credit: .5	Course Length: Semester	Prerequisite: None
Grade: 9-12	Scale: Unweighted	Credit: Elective

Interior Design I will help students prepare for careers in interior design. The course also introduces students to design concepts they can use in decorating their own living spaces. Students will explore the history and current trends in interior design, career options within the interior design industry, the elements and principles of design, design and function of interior spaces, items used in interior environments, and complete an interior design proposal and presentation. Enrollment in this course allows students to become members of FCCLA.

### 19052 Child Development I Prenatal to Toddler

Credit: .5	Course Length: Semester	Prerequisite: None
Grade: 9-12	Scale: Unweighted	Credit: Elective

Child Development I: Prenatal to Toddler explores the development of children prior to birth through the toddler age. Students will learn about prenatal care and analyze the physical, emotional, social, and intellectual development of infants and toddlers. This class is designed for students seeking a career in education, health, medical and human service professions, as well as many other careers involving working with infants and toddlers. Enrollment in this course allows students to become members of FCCLA.

This class should only be offered first semester.

### 19051 Child Development II Preschool to School Age

Credit: .5	Course Length: Semester	Prerequisite: None
Grade: 9-12	Scale: Unweighted	Credit: Elective

Child Development II: Preschool to School Age explores preschool and school-age theories in practice, child growth and development, regulations and opportunities in the childcare industry, as well as special topics related to children such as childhood diseases, special needs, and child abuse/neglect. This class is designed for students who enjoy working with children. Enrollment in this course allows students to become members of FCCLA.

This class should be only offered second semester as a follow up to Child Development I. While it compliments principles taught in Child Development I, those principles aren't necessary to understanding the concepts of this class, so there is no prerequisite required.

### **16001 Introduction to Hospitality, Tourism, and Recreation**

Credit: .5	Course Length: Semester	Prerequisite: None
Grade: 9-12	Scale: Unweighted	Credit: Elective

Introduction to Hospitality, Tourism, and Recreation focuses on pathways and careers in the Hospitality and Tourism industry. Students identify and compare their personal attributes with careers in this cluster. Students explore the professional behaviors, skills and abilities necessary for hospitality, tourism and recreation. Students enrolled in this course will complete the Red Cross training and receive certification in CPR and First Aid. Enrollment in this course allows students to become members of FCCLA.

This course should only be offered second semester.

### **16052 Fundamental Food Concepts**

Credit: .5	Course Length: Semester	Prerequisite: None
Grade: 9-12	Scale: Unweighted	Credit: Elective

Fundamental Food Concepts will explore safe and effective basic food preparation. Students explore menu planning, food selection and preparation guidelines. Enrollment in this course allows students to become members of FCCLA. **This class can be offered in the 2022/23 school year, if I am in room 100, with access to a stove.**

**Future Courses:** The Culinary Arts Classes can be offered upon completion of the new FCS classroom in the new building.

### **16053 Culinary Arts I**

Credit: .5	Course Length: Semester	Prerequisite: None
Grade: 9-12	Scale: Unweighted	Credit: Elective

Students in Culinary Arts I learn entry level culinary skills needed for success in the foodservice industry or continuing education. Students train in industry-specific skills that can be used in all areas of the foodservice industry. Enrollment in this course allows students to become members of FCCLA and compete in Culinary Arts events.

### **16055 Culinary Arts II**

Credit: .5	Course Length: Semester	Prerequisite: None
Grade: 9-12	Scale: Unweighted	Credit: Elective

Students in Culinary Arts II expand upon entry level culinary skills needed for success in the foodservice industry or continuing education. Students train in industry-specific skills that can be used in all areas of the foodservice industry. Enrollment in this course allows students to become members of FCCLA and compete in Culinary Arts events.

### **16056 Culinary Arts III**

Credit: .5	Course Length: Semester	Prerequisite: None
Grade: 9-12	Scale: Unweighted	Credit: Elective

Culinary Arts III provides advanced culinary students with instruction in advanced techniques and processes. Students continue to develop skills from prerequisite courses. Projects are tailored to students' interests and industry needs. Enrollment in this course allows students to become members of FCCLA and compete in Culinary Arts events.

## SCIENCE, TECHNOLOGY, ENGINEERING & MATH (STEM)

### Intro to Coding

<b>Credit: 0.5</b>	<b>Course Length: Semester</b>	<b>Prerequisite: None</b>
<b>Grade: 9 – 12</b>	<b>Grading Scale: Unweighted</b>	<b>Credit: Elective</b>

This introductory course for computer coding will allow students to try out textual coding. Students will learn both HTML and CSS coding languages which they will use to create web sites and games. Students learn how to evaluate websites for reliability, how to use creative commons licenses, and internet safety. The impact of coding on society is weaved into every lesson.

### Intro to STEM

<b>Credit: 0.5</b>	<b>Course Length: Semester</b>	<b>Prerequisite: None</b>
<b>Grade: 9 – 12</b>	<b>Grading Scale: Unweighted</b>	<b>Credit: Elective</b>

This introductory class will allow students to experience different areas of STEM. Green screen technology, robotics, drones, a flight simulator, 3D printing, and computer programming are a few of the areas we explore. Each student will have the chance to explore different STEM careers during the semester.

## INDUSTRIAL TECHNOLOGY EDUCATION

### Small Engines

Credit: 0.5	Course Length: Semester	Prerequisite: None
Grade: 9-12	Grading Scale: Unweighted	Credit: Elective

Introduction to Technology Education courses expose students to the communication, transportation, energy, production, biotechnology, and integrated technology systems and processes that affect their lives. The study of these processes enables students to better understand technological systems and their applications and uses.

### Basic Car Care

Credit: 0.5	Course Length: Semester	Prerequisite: Small Engines
Grade: 11-12	Grading Scale: Unweighted	Credit: Elective

This is an entry level course where students will learn basic maintenance procedures and safe work practices. The desire for the students to receive industry-based training at the basic level and step up to the higher level of competency in this field is the ultimate goal of this course. Students who complete this course should be able to test for their ASE certification in this field.

### Intro to Woods

Credit: 0.5	Course Length: Semester	Prerequisite: None
Grade: 9-12	Grading Scale: Unweighted	Credit: Elective

This is an entry level course where students will learn basic maintenance procedures and safe work practices. The desire for the students to receive industry-based training at the basic level and step up to the higher level of competency in this field is the ultimate goal of this course. Students who complete this course should be able to test for their ASE certification in this field.

**Introduction to Welding**

Credit: 0.5

Grade: 9-12

Course Length:

Semester

Grading Scale:

Unweighted

Prerequisite:

None

Credit:

Elective

This course will prepare students for an entry level welding position. The areas of study in welding are shop safety, measurement and basic shop math, oxyacetylene welding/cutting, plasma arc cutting, gas metal arc welding, shielded metal arc welding, weld certification testing and project fabrication. Welding is a full year class taken in a two-hour block, sixth and seventh period. Only juniors and seniors are eligible to take this class. Instructional Philosophy and Instructional Delivery Plan: Students will master basic welds and understand common usages for each welding process. Students will utilize welding skills to construct projects. The course content will be delivered by lectures and demonstrations. Completion of each welding areas will be determined by the instructor through appearance and strength testing of each assigned weld. Student's assessment will be based on completion of test welds/cuts, Safety work habits, student time on task, group/class workability, written testing, project completion/quality and attendance.

**Construction**

Credit: 0.5

Grade: 9-12

Course Length: Semester

Grading Scale: Unweighted

Prerequisite: None

Credit: Elective

This course will prepare students to delve into the architecture and construction industry. It covers all three construction career pathways offered, including architecture/drafting along with cabinetry and building construction. Students will explore many different topics where they will be able to complete hands on activities to enhance the learning process.

**Future Offerings:****Power Sports Engines**

Credit: 0.5

Grade: 11-12

Course Length: Semester

Grading Scale: Unweighted

Prerequisite: Small Engines

Credit: Elective

ATV/Small Engine Mechanics courses provide students with the opportunity to learn how to service and recondition small engines, typically emphasizing two- and four-cycle engines. These courses provide students with opportunities to troubleshoot and repair speed controls, lubrication, ignition, fuel, power transfer, cooling, exhaust, and starting systems; use hand, power, and overhaul tools; and read and interpret service manuals and parts' catalogs. Applications may include lawn mowers, tractors, tillers, power tools, and so on.

**Advanced Welding**

Credit: 0.5

Grade: 10-12

Course Length:

Semester

Grading Scale:

Unweighted

Prerequisite: Intro to Welding

Credit: Elective

This course will introduce students to the field of welding. The areas of study in welding are shop safety, measurement and basic shop math, plasma arc cutting, gas metal arc welding, shielded metal arc welding, weld certification Training and project fabrication. Welding is a Semester, or a full year class taken in a one hour, third period. Sophomores, juniors and seniors are eligible to take this class. Instructional Philosophy and Instructional Delivery Plan: Students will master basic welds and understand common usages for each welding process. Students will utilize welding skills to construct assigned welds. The course content will be delivered by lectures and demonstrations. Completion of each welding areas will be determined by the instructor through appearance and strength testing of each assigned welding. Student's assessment will be based on completion of test welds/cuts, Safety work habits, student time on task, group/class workability, written testing, project completion/quality and attendance.

**LANGUAGE ARTS**

(4.5 credits Language Arts required for HS Graduation)

**English I**

Credit: 1.0

Grade: 9

Course Length:

Year

Grading Scale:

Unweighted

Prerequisite:

None

Credit:

Language Arts

This course emphasizes the fundamental language skills of reading, writing, speaking, listening, thinking, viewing and presenting. An emphasis on vocabulary and composition skills will be an on-going part of the program. The course includes studies of various literary genres: short story, poetry, novel, drama, and non-fiction. The development of critical reading and writing skills is a major emphasis of the course.

#### **Honors English I**

Credit: 1.0	Course Length:	Year	Prerequisite:	> 89% in 8 <sup>th</sup> grade English
Grade: 9	Grading Scale:	weighted	Credit:	Language Arts

This course emphasizes the fundamental language skills of reading, writing, speaking, listening, thinking, viewing and presenting. An emphasis on vocabulary and composition skills will be an on-going part of the program. The course includes studies of various literary genres: short story, poetry, novel, drama, and non-fiction. The development of critical reading and writing skills is a major emphasis of the course.

#### **01051 English II**

Credit: 1.0	Course Length:	Year	Prerequisite: English I
Grade: 10	Grading Scale:	Unweighted	Credit: Language Arts

English II is a writing-based literature course with a focus on World Literature. Students will study writing through reading short fiction, poetry, a novel, and informational texts. All texts read will be studied with a writing goal in mind. In conjunction with studying literature, students will study the writing process and various types of writing: research, and literary analysis emphasized. Students will also develop their vocabulary and grammar skills. Finally, students will work together to dissect and analyze different pieces of literature from around the world. Common Core Standards for English Language Arts at this grade level will be addressed in the course.

#### **Honors English II**

Credit: 1.0	Course Length:	Year	Prerequisite: English I (with a 89% minimum ending grade)
Grade: 10	Grading Scale:	weighted	Credit: Language Arts

English II is a writing-based literature course with a focus on World Literature. Students will study writing through reading short fiction, poetry, novels, and informational texts. All texts read will be studied with a writing goal in mind. In conjunction with studying literature, students will study the writing process and various types of writing: research, and literary analysis emphasized. Students will also develop their vocabulary and grammar skills. Finally, students will work together to dissect and analyze different pieces of literature from around the world. Common Core Standards for English Language Arts at this grade level will be addressed in the course.

#### **01052 English III**

Credit: 1.0	Course Length:	Year	Prerequisite: English II
Grade: 11	Grading Scale:	Unweighted	Credit: Language Arts

This one-year course for juniors is designed to provide a focus on deep reading, interpretation, literature analysis, and writing in response to American Literature. Some emphasis will also be given to grammar. The course content will include selections from American literature. This will include non-fiction, short stories, poems, drama, and novels. Compositions and writing units will include, but not be limited to, literary analysis, research, and expository writing. This course will encourage independent reading through the reading of various genres and the opportunity to share your skills in comprehending a time period in American Literature. Common Core Standards for English Language Arts at this grade level will be addressed in the course. In this class, there will be the opportunity to be creative analysts in writing and comprehension units for literature.

#### **Honors English III**

Credit: 1.0	Course Length:	Year	Prerequisite: Honors English II
Grade: 11	Grading Scale:	weighted	Credit: Language Arts



### **Speech**

Credit: 0.5	Course Length:	Semester	Prerequisite: English II
Grade: 11	Grading Scale:	Unweighted	Credit: Speech

Throughout this semester-based course, students will develop public speaking skills and interpersonal communication skills. Throughout the course, students will compose and present original informative, demonstrative, persuasive, and impromptu speeches. As students develop their persuasive speech, they will develop a working understanding of logic appeals, fallacies, and methods of reasoning. Students will also participate in a shortened Lincoln-Douglas Debate. Students will also create an original podcast.

### **English IV**

Credit: 1.0	Course Length:	Year	Prerequisite: English III
Grade: 12	Grading Scale:	Unweighted	Credit: Language Arts

English IV is a writing-based literature course with a focus on British Literature. We will be studying Victorian Monsters through British Literature. Students will master writing skills through response essays. In addition to writing, students will be building an understanding of vocabulary skills that is needed for successful readers in this course. This course will encourage independent reading through the reading of British Literature and the opportunity to share your skills in comprehending a time period in British Literature. Common Core Standards for English Language Arts at this grade level will be addressed in the course.

### **English IV Honors: British Literature**

Credit: 0.5	Course Length:	Fall Semester	Prerequisite: Honors English III
Grade: 12	Grading Scale:	Unweighted	Credit: Language Arts

Honors English IV is a writing-based literature course with a focus on British Literature. We will be studying the major works of Shakespeare and how root word themes work throughout the entire piece of literature. Students will master writing skills through college level discussions/responses and college level essay expectations. This course will be heavily focused on preparing students to be equipped for University/College learning. Common Core Standards for English Language Arts at this grade level will be addressed in the course.

### **Strategic Reading and Writing Skills (12th grade)**

Credit: 1.0	Course Length:	Year Long	Prerequisite: None
Grade: 12	Grading Scale:	Unweighted	Credit: Language Arts

In this course, students will be working to improve their reading and writing skills. Throughout the course students will advance in grammar, spelling, structure and style in their writing. The assignments included are, but not limited to, a research essay, resume, emails, and a cover letter. Also, for reading we will be looking at apartment leases, mortgage contracts, professional job applications, and car financing legal documents. These practice skills will be the foundation of this course for seniors.

### **Journalism 1 – used to be yearbook**

Credit: 1.0	Course Length:	Year	Prerequisite: None
Grade: 9-12	Grading Scale:	Unweighted	Credit: Language Arts

In this year-long course, students will learn the basic standards of broadcast journalism; examine First Amendment rights and responsibilities; study the effects of broadcast media on culture; write and produce news stories and short documentaries for video broadcast; and work in small groups to produce independent video projects. Students will develop research and interviewing skills, and learn all technical aspects of video production, including audio production, camera use, editing, and postproduction. Students who take this class must be able to work well in small groups. Students will collaborate in groups to complete research projects, the yearbook, and school newspaper.

Journalism 1 is a prerequisite for Journalism 2 and Journalism 3. Journalism 2 will begin 2022-2023 and Journalism 3 will begin 2023-2024. Journalism 2 and 3 students will have the opportunity to compete in state and national journalism competitions.

#### **01104 Creative Writing**

Credit: 1.0 / .5	Course Length: Year/Semester	Prerequisite: English I and II
Grade: 9-12	Grading Scale: Unweighted	Credit: Language Arts

This semester-long/year writing course will allow students to express themselves in a number of different writing contexts including such genres as response writings, short stories & poetry. The students must be willing to be involved in group discussion about their works. At the end of the semester, there will be a Publishing Party where students publish and share their work in a formal (yet relaxing) debutant setting for writing.

### **MATHEMATICS**

(3 credits Mathematics required for HS Graduation)

#### **Algebra I**

Credit: 1.0	Course Length: Year	Prerequisite: Pre-Algebra /8 <sup>th</sup> grade recommendation
Grade: 8-12	Grading Scale: Unweighted	Credit: Math

Algebra I is a one-year course that will study mathematical operations with directed numbers and problem solving with linear equations and inequalities. This course also explores the use of linear algebra, systems and quadratics to model and solve real world problems as well as introduce basic probability and statistic concepts. This course also explores the use of the laws of exponents and operations with rational and irrational values.

#### **Geometry**

Credit: 1.0	Course Length: Year	Prerequisite: Algebra I
Grade: 9-12	Grading Scale: Unweighted	Credit: Math

Geometry is a one-year course that introduces the student to concepts of logic and uses proof-based geometry to explore the properties of two-dimensional geometric shapes. The course will also explore right triangle trigonometry and coordinate geometry as well as areas and volumes of two and three-dimensional shapes. Highly recommended for students interested in careers in the fields requiring science and/or mathematics.

#### **Algebra II**

Credit: 1.0	Course Length: Year	Prerequisite: Algebra I, Geometry
Grade: 10-12	Grading Scale: Unweighted	Credit: Math

Algebra II is a one-year course that expands upon linear equations and inequalities learned in Algebra I. This course then moves on to cover quadratic equations and functions, systems of equations and inequalities, matrices, polynomial and polynomial functions and the complex number system. The graphing of equations and the exploration of transformations, factor greatly in this course Algebra II. This course is required for students planning to take AP Calculus.

#### **College Bound Algebra**

Credit: 1.0	Course Length: Year	Prerequisite: Algebra II /Teacher Recommendation
Grade: 11-12	Grading Scale: Unweighted	Credit: Math

It is a one-year course intended for Juniors and Seniors who plan to attend college. The class curriculum will be designed in preparation for the College Level Examination Program (CLEP). A passing score on the CLEP test will result in not having to take College Algebra in over 100 schools in the five (5) state region.

**Pre-Calculus with Trigonometry**

Credit: 1.0	Course Length: Year	Prerequisite: Algebra II and Geometry
Grade: 11-12	Grading Scale: Unweighted	Credit: Math

Pre-Calculus is a one-year course that bridges the gap between Algebra II and Calculus. This course includes an extensive study of algebraic and trigonometric functions as well as their compositions and inverses. This course also explores parametric equations, complex numbers, conic sections, sequences and series and introductory differentiation. Highly recommended for students interested in careers in the fields requiring science and/or mathematics. Graphing calculators are highly recommended (TI-84 Plus is currently used by instructor)

**Business Math**

Credit: 1.0	Course Length: Year	Prerequisite: Algebra I and Geometry
Grade 11-12	Grade Scale: Unweighted	Credit: Math

Business Math is a one-year course that studies the math connected with personal finance and small business. The course covers real world topics such as: how to manage net pay, get a loan, understand credit, buy a car, and invest wisely. Students will learn the basics of starting a small business such as: conducting a market survey, writing a business plan, creating a marketing plan, and crafting a sales pitch.

**Calculus**

Credit: 1.0	Course Length: Year	Prerequisite: Precalculus
Grade: 11/12	Grading Scale:	Unweighted Credit: Math

Calculus is a one-year course for students who are interested in pursuing a career in STEM and focuses on developing and building conceptual understanding prior to taking collegiate Calculus courses. This course aims to identify and close any gaps in algebraic or trigonometric concepts that require mastery to be successful in a college Calculus class. Primary concepts covered include functions, limits and continuity, derivatives, and integrals. There is a focus on real-world applications and varied examples to provide a more complete level of foundational understanding.

**SCIENCE**

(3 credits Science required for HS Graduation, Biology Required)

**Earth & Space Science**

Credit: 1.0	Course Length: Year	Prerequisite: None
Grade: 9	Grading Scale: Unweighted	Credit: Science

This Earth Science course covers concepts associated with the nature of science, near-earth objects, plate tectonics, earthquakes, volcanoes, mountains, rocks and minerals, geologic time, streams, groundwater, oceans, atmosphere, weather, climate, and global change. This course will also enable students to develop and apply knowledge of the universe and compare the conditions, properties, and motions of bodies in space. Introduction to the study of stars, galaxies, and cosmology. Includes the nature of light and matter, telescopes, spectroscopy, stellar formation and evolution, galaxies, quasars, and cosmology.

**Physical Science**

Credit: 1.0	Course Length: Year	Prerequisite: None
Grade: 9	Grading Scale: Unweighted	Credit: Science

Physical Science will give the student an understanding of the scientific method, unit conversions, motion, Newton's Laws, matter, chemistry, electricity, energy/simple machines/light/waves through the study of textbook concepts, problem solving, and hands-on student experiments.

**Biology**

Credit: 1.0	Course Length: Year	Prerequisite: None
Grade: 10	Grading Scale: Unweighted	Credit: Science

Biology is a study of living systems and their interrelationships. Extensive outside scientific readings are incorporated. Hands-on and inquiry-based methods are emphasized. Biology covers basic chemistry, study of cell structure and division, genetics and genetic engineering, classification, taxonomy, evolution, and ecology.

**Anatomy & Physiology**

Credit: 1.0	Course Length: Year	Prerequisite: Biology I
Grade: 11-12	Grading Scale: Unweighted	Credit: Science

This lecture-based college preparatory course will include a yearlong program of human anatomy and physiology studies. The areas covered will include basic cell chemistry, cell and tissue structure and the 11 systems of the human body (integumentary, skeletal, muscular, nervous, endocrine, circulatory, lymphatic, digestive, respiratory, urinary and reproductive). Dissection labs may be required.

**Botany**

Credit: 0.5	Course Length: Spring Semester	Prerequisite: Biology
Grade: 11-12	Grading Scale: Unweighted	Credit: Science

The purpose of this course is the scientific study of plants and their relationship to the environment. In this course, students investigate the growth, reproduction, anatomy, morphology, physiology, biochemistry, taxonomy, genetics, and ecology of plants.

**Chemistry**

Credit: 1.0	Course Length: Year	Prerequisite: Biology or Algebra II
Grade: 10-12	Grading Scale: Unweighted	Credit: Science

This is a college preparatory chemistry course that incorporates both lab work and textbook concepts. Topics include atom structure, electron configuration, the periodic table, stoichiometry, chemical reactions, gas laws, acids and bases, and oxidation reactions. Students planning on entering college are strongly encouraged to take Chemistry.

**Engineering Applications in Science**

Credit: 0.5	Course Length: Semester	Prerequisite: Biology
Grade: 11-12	Grading Scale: Unweighted	Credit: Science

Students will apply their knowledge of Science, Technology, Engineering, and Math (STEM) to develop solutions to technological problems. Engineers apply scientific knowledge and mathematical knowledge to design and operate objects, systems, and processes to help us solve problems or reach goals. Types of engineering addressed include civil engineering, chemical engineering, biomedical engineering, mechanical engineering, and engineering principles

**Environmental Science**

Credit: 0.5	Course Length: Even Years: Fall/Spring Semester	Prerequisite: Biology
Grade: 10-12	Grading Scale: Unweighted	Credit: Science

Environmental Science is an elective semester course which examines the interrelationships between people and their biological and physical environment. The course will examine the scientific analysis of nature, and the social and political issues related to the usage of natural resources. Covered subjects include: habitats/biodiversity, human demographics, food and agriculture, human demographics, environmental health, global warming, air pollution, and other selective topics. Students will study topics such as waste management, endangered species, pollution, water/air quality, global warming, nuclear power, natural resources, and national and global parks.

**Forensic Science**

Credit: 0.5  
Grade: 11-12

Course Length: Fall/Spring Semester  
Grading Scale: Unweighted

Prerequisite: Biology  
Credit: Science

This course offers extensive laboratory experiences that integrates the concepts learned in biology, some chemistry, and physics to strengthen individual skills in scientific reasoning and observation. Students will learn basic scientific and mathematical methods and models required in forensic science. This course will also include examination of physical evidence, correct crime scene protection and investigation, ballistics, DNA verification, blood typing, blood analysis, fiber analysis, and chromatography. There will be daily evidence pieces from a cold case released as students will mimic DCI agents in pairs to solve the case. Final project will be investigative work of a crime scene set up in my classroom.

**Physics**

Credit: 1.0  
Grade: 11-12

Course Length: Odd Year  
Grading Scale: Unweighted

Prerequisite: Algebra 2  
Credit: Science

The purpose of this course is the study of foundational principles of physical science as related to motion in one dimension, vectors and two-dimensional motion, Newton's laws of motion and their applications, energy and work, momentum and collisions, generation and mediation of circular motion, hydrostatics, and hydrodynamics. Solids and Fluids, Temperature and Laws of Thermodynamics, Gas Laws, Vibrations and Waves, Simple Harmonic Motion, Light and Optics, Electricity and Magnetism, and some topics in Nuclear

**Zoology**

Credit: 0.5  
Grade: 11-12

Course Length: Semester  
Grading Scale: Unweighted

Prerequisite: Biology  
Credit: Science

Zoology is a laboratory-based course, that is self-paced, and student driven. This course covers common life processes, basic biological processes such as embryology, evolutionary relationships that unite animal phyla and animal adaptations, animal behaviors, ecological topics and works through evolution from a simple scale to complex. Dissections are included and many ways to show student knowledge in projects.

**Zoology II**

Credit: 0.5  
Grade: 11-12

Course Length: Spring Semester  
Grading Scale: Unweighted

Prerequisite: Biology  
Credit: Science

Zoology II is a continuation Zoology I. It is self-paced, and student driven.

**SOCIAL STUDIES**

(3 credits Social Studies required for HS Graduation)

**Geography**

Credit: .5  
Grade: 9

Course Length: Semester  
Grading Scale: Unweighted

Prerequisite: None  
Credit: Social Studies

The class will focus on the application of the five themes of geography – location, place, human-environmental interaction, movement and regions. Students will study physical geography and the continent of North America. Students will use the five themes of geography to analyze and make observations about Africa, Asia, Oceania, Latin America, and Europe.

**World History**

Credit: 1.0  
Grade: 10

Course Length: Year  
Grading Scale: Unweighted

Prerequisite: Geography  
Credit: Social Studies

This course consists of a chronological narrative of world history from the early modern world and continuing through the era of European imperialism. Emphasis will be on political and economic development, the influence of geography on cultures, the growth of science and technology, the effect of contact between cultures, and creativity in the arts.

### **United States History**

Credit: 1.0	Course Length: Year	Prerequisite: World History
Grade: 11	Grading Scale: Unweighted	Credit: Social Studies

This course covers the history of the United States from the late 1800s to the present. Emphasis will be on the following topics: movements such as the labor, populist, progressive, and civil rights movement; presidential domestic policies such as Theodore Roosevelt's Square Deal, Franklin Roosevelt's New Deal, John F. Kennedy's New Frontier, and Ronald Reagan's "supply side economics"; foreign policy issues including United States involvement in Latin America, the World Wars, Korea, and Vietnam; domestic issues including the Roaring Twenties, women's rights, social changes, assassinations, and scandals.

### **United States Government**

Credit: 0.5	Course Length: Semester	Prerequisite: Geography/World/US History
Grade: 12	Grading Scale: Unweighted	Credit: Social Studies

This course presents a detailed composite of what students should know and be able to do in the areas of civics and government. Students will be able to explain the characteristics of various forms of government, determine the influence of major historical documents and ideas in the formation of the United States government, identify the principles of the American Constitution, and explain the principles of American democracy. Additionally, students will be able to interpret the meaning of basic constitutional rights guaranteed to citizens.

### **Possible Social Studies Electives Offered**

#### **Contemporary Issues**

Credit: 0.5	Course Length: Semester	Prerequisite: None
Grade: 10-12	Grading Scale: Unweighted	Credit: Social Studies

Contemporary Issues is a one-semester course structured to give the student an understanding of current issues in many areas of a political, social, and economic nature. The course emphasizes research done by the student since the topics chosen are very fluid in their nature, meaning that the topics and the amount of coverage on the topics will fluctuate on any given day, week, or month depending on topics current in the media.

#### **The History of Sports**

Credit: 0.5	Course Length: Semester	Prerequisite: None
Grade: 10-12	Grading Scale: Unweighted	Credit: Social Studies/Elective

In this course students will examine the development of sports through different historical perspectives. Students will gain a better understanding of the influence of sports in society. There will be an analysis of the relationship between sports and politics, business, gender, race, and economics. Students will also learn of the emergence of modern sports and the impact and role of sports in the United States. A variety of educational materials will be used in the course, including primary sources, biographies, photographs, and video archives.

## FINE ARTS

(1 credit Fine Arts required for HS Graduation)

### Art I/II

Credit: 0.5	Course Length:	Semester	Prerequisite:	None
Grade: 9-12	Grading Scale:	Unweighted	Credit:	Fine Arts

This course will cover basic drawing and painting. It is a good choice for someone who has not taken art recently. Students will work with media including graphite pencil, colored pencil, oil pastels and charcoal. Color studies will help students create paintings using both acrylic and watercolors. Studying artist's work will give students new ideas and techniques to inspire their drawings and paintings.

### Advanced Art

Credit: .5	Course Length:	Semester/Year	Prerequisite:	Art II w/at least a B
Grade: 10- 11-12	Grading Scale:	Unweighted	Credit:	Fine Arts

This course will develop strong drawing skills and challenge students to create works that are personal and imaginative. Basic drawing skills are necessary. Students will continue to work in a variety of high-quality media and draw many subjects. Choices are given for each assignment; artwork requires planning sketches and refining good ideas to make them great.

### Computer Art

Credit: .5	Course Length:	Semester	Prerequisite:	Art I w/at least a B
Grade: 10- 11-12	Grading Scale:	Unweighted	Credit:	Fine Arts

This class explores the use of the elements and principles of art and design within the realm of computer art. The class is intended to be a semester long class. It can be taken for an entire year, but the second semester would be more of an advanced study. We start out exploring the computer programs that come with your computer such as paint.net. Once the students have a basic understanding of the programs that are available on their computer, we then go on to more advanced programs such as Photoshop so that they can get a better understanding of what's available in the realm of digital arts as far as programs. We want to explore how the programs simulate various 2-dimensional media's such as pencil and charcoal drawing, painting both transparent and opaque and a pen and ink effect just to name a few. In the future we would like to explore 3 dimensional options within this class as well.

### Computer Arts II

Credit: .5	Course Length:	Semester	Prerequisite:	Computer Art
Grade: 10- 11-12	Grading Scale:	Unweighted	Credit:	Fine Arts

This class will consist of but not be limited to commercial art and advertising, Fine Arts production, and rough draft and sketch production using the computer. This class will be heavily involved in producing commercial art and advertising for the different events and productions put on by the school. The students will also be expected to create original pieces of art using the computer as the main media in production. Daily sketches and rough draft ideas will also be produced using the computer.

### Band

Credit: 1.0	Course Length:	Year	Prerequisite:	None
Grade: 9-12	Grading Scale:	Unweighted	Credit:	Fine Arts

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. This course emphasizes

the importance of participation, appreciation, and support of music for life. Students enrolled in Band are expected to participate in Pep Band and play at home sporting events and special contests throughout the year.

#### **Individualized Lessons**

Credit: .5	Course Length: Year	Prerequisite: None
Grade: 9-12	Grading Scale: Unweighted	Credit: Fine Arts

#### **Mixed Choir**

Credit: 1.0	Course Length: Year	Prerequisite: None
Grade: 9-12	Grading Scale: Unweighted	Credit: Fine Arts

Mixed Choir is a two (2) and three (3) -part choir. The group will perform several styles of music, from pop to classical, throughout the year for concerts and contests. There will be an emphasis on music fundamentals and vocal production. Members are required to participate in all activities.

#### **Les Chanteurs**

Credit: 1.0	Course Length: Year	Prerequisite: Audition
Grade: 9-12	Grading Scale: Unweighted	Credit: Fine Arts

Les Chanteurs is an auditioned ensemble that will perform different styles of music with an emphasis on the show choir aspect of choral music. In show choir we incorporate singing and dancing. More complex music will be learned in this ensemble. This course will incorporate multiple performances, contests, and festivals. Members are required to participate in all activities.

#### **HS Individualized Lessons**

Credit: 1.0	Course Length: Year	
Grade: 9-12	Grading Scale: Unweighted	Credit: Fine Arts
Prerequisite: Must be in Mixed Choir or Les Chanteurs		

In Voice Lessons, students will be able to work one-on-one with the director and work on vocal technique, contest pieces, and detailed skills on an individual basis. Students will have four lessons per quarter and last 20 minutes every two weeks.

#### **Performance Theatre**

Credit: 1.0	Course Length: Year	Prerequisite: None
Grade: 9-12	Grading Scale: Unweighted	Credit: Fine Arts

Acting/Performance course provides students with experience and skill development in one or more aspects of theatrical production, by concentration on acting and performance skills. Students will refine their technique, expand their exposure to different types of theatrical craft and traditions from varied social and historical contexts, and increase their participation in public productions.

## **PHYSICAL EDUCATION**

#### **Hot Springs Schools Physical Education Mission Statement**

The Hot Springs School District Physical Education Department believes that each student can achieve proficiency regardless of size, maturity, coordination, body type or other physical ability. The Physical Education Department is committed to developing each child's positive attitude towards a lifetime of physical fitness. The Hot Springs School District Physical Education Department strives to maintain an activity and fitness-based program while teaching the enjoyability of an active lifestyle in a safe environment.

Credit: 0.5	Course Length: Semester	Prerequisite: None
-------------	-------------------------	--------------------



Grade: 9-12

Grading Scale:

Unweighted

Credit:

PE

### **Lifetime Sports (High School):**

- **Aquatics**-Introduce students with a water-based learning experience through participation in a broad range of structured activities. It provides opportunities for physical, psychological and social development of each student.
- **Bowling**-Provides Students instruction on basic bowling skills, rules, etiquette, participation in an activity, and playing procedures in the sport of Bowling. Provides an opportunity to participate in a physical activity that may improve fitness.
- **Golf**-will introduce full swing fundamentals, chipping, pitching and putting fundamentals, rules, and etiquette on the golf course, and history of the game. Students will develop an appreciation for the game of golf through practice, play, and time of the golf course.

**\*\*This course will only be offered if transportation and scheduling allow\*\***

**High School Intro to Physical Education**-This class is designed to offer an introduction into basic movement patterns, elements of team sports, and more health-related fitness activities.

**High School Strength and Conditioning**- This course is designed to give students the opportunity to learn fitness concepts and conditioning techniques used for obtaining optimal physical fitness. ... Students will learn the basic fundamentals of strength training, aerobic training, and overall fitness training and conditioning.

**High School Physical Education**- This course will focus on developing students' knowledge of and competency in motor skills, movement patterns, and strategies essential to perform a variety of physical activities. These activities will include: basketball, badminton, and volleyball. Students will also continue to expand their knowledge of fitness concepts and participate in activities to maintain and improve their health related fitness.

The Hot Springs School District Physical Education Department believes that each student can achieve proficiency regardless of size, maturity, coordination, body type or other physical ability. The Physical Education Department is committed to developing each child's positive attitude towards a lifetime of physical fitness. The Hot Springs School District Physical Education Department strives to maintain an activity and fitness-based program while teaching the enjoyability of an active lifestyle in a safe environment.

If a student has a medical problem that prevents his/her participation, he/she must get a doctor's excuse explaining why Physical Education is not recommended during the current academic year. A doctor's recommendation must be renewed each school year.

## **WORLD LANGUAGES**

It is strongly recommended (and sometimes required) that college bound students complete two years of the same foreign language.

### **Spanish I**

Credit: 1.0  
Grade: 9-12

Course Length: Year  
Grading Scale: Unweighted

Prerequisite: None  
Credit: Foreign Language

This course is an introduction to the Spanish language and culture. Students will engage in listening and speaking activities and will demonstrate their understanding of reading and writing selections on familiar topics. Students will begin learning how to hold basic conversations and speak using the present tense. Communication, culture, connections, comparisons, and communities are included in this one-year course (South Dakota State World Language Standards).

### **Spanish II**

Credit: 1.0  
Grade: 10-12

Course Length: Year  
Grading Scale: Unweighted

Prerequisite: Spanish I  
Credit: Foreign Language

This course is a continuation of Spanish I. Students will increase their listening and speaking skills through engaging activities and will demonstrate their understanding of reading and writing selections on familiar topics. Students will grow their grammar through learning how to talk about the past, learning commands and will begin to learn about the present subjunctive tense. Communication, culture, connections, comparisons, and communities are included in this one-year course (South Dakota State World Language Standards).

### **Spanish III**

Credit: 1.0	Course Length: Year	Prerequisite: Spanish II
Grade: 11-12	Grading Scale: Unweighted	Credit: Foreign Language

This course is a continuation of Spanish II. Students will continue to increase their listening and speaking skills through engaging activities and will demonstrate their understanding of reading and writing selections on familiar topics. Students will increase their grammar by using the subjunctive, the conditional tense and the future tense. Communication, culture, connections, comparisons, and communities are included in this one-year course (South Dakota State World Language Standards).

## NSU Center for Statewide E-learning 2022-23 High School

The Center for Statewide E-Learning at Northern State University offers a variety of courses that students can gain high school credit. The addition of these courses allows students greater flexibility in scheduling when faced with a conflict between two or more classes they wish to take. E-Learning courses are taught by South Dakota certified teachers who specialize in their subject area and are delivered in three different methods. Review the information below for the courses offered and how these courses will be taught.

### Three Methods of Delivery

- 1. DDN:** DDN classes meet five days a week via DDN. A DDN course meets at a predetermined time with direct engagement between the teacher and the students on a daily basis. These synchronous classes typically connect students from several schools.
- 2. Blended:** A blended course features the convenience of an online course and the engagement of a DDN course. A typical week features two recorded class sessions, two live connections with the teacher and a workday. Schools schedule the course at a time that fits the school's local schedule. The DDN connections are between the teacher and the school, on the school's local schedule. Schools with a low number of students in a blended class may need to consolidate sessions depending on staffing availability.
- 3. Online:** An online course features the convenience of allowing a student to interact with the course work at a time determined by the student and the local school. Students view recorded class sessions, interacting with the content asynchronously. All class sessions and materials are available online. The course follows a traditional school calendar.

CONTENT AREA	COURSES	SYN #
<b>BUSINESS</b>		
	<b>Blended</b>	
	Accounting I	CT01312
	Business Law (spring sem.)	CT01314
	Personal Finance (fall sem.)	CT01335
	Personal Finance (spring sem.)	CT01341
	<b>Online</b>	
	Introduction to Business (fall sem.)	CT01313
	Personal Finance (fall sem.)	CT01560
	Personal Finance (spring sem.)	CT01561
<b>ENGLISH/LANGUAGE ARTS</b>		
	<b>Blended</b>	
	English I	LA01258
	English II	LA01259
	English III	LA01262
	English IV	LA01263
	Speech (fall sem.)	LA01261
	<b>Online</b>	
	AP® English – Language & Composition	LA00074
	AP® English – Literature & Composition	LA00073

MATH		
	<b>DDN</b>	
	Pre-Calculus	
	• 9:20-10:10	MA00570
	<b>Blended</b>	
	Pre-Algebra	MA01358
	Algebra I	MA01264
	Algebra II	MA01278
	Geometry	MA01266
	Mathematics for College Readiness I (fall semester)	MA01267
	Mathematics for College Readiness I (spring semester)	MA01529
	Mathematics for College Readiness II (spring semester)	MA01530
	Consumer Mathematics	MA01356
	<b>Online</b>	
	Consumer Mathematics	MA01357
	Pre-Calculus	MA00724
	AP® Calculus AB	MA00087
	AP® Statistics	MA00030
SCIENCE		
	<b>DDN</b>	
	Chemistry	
	• 9:20-10:10	SC00722
	• 2:45-3:35	SC00330
	Physics	
	• 1:50-2:40	SC00332
	<b>Blended</b>	
	Physical Science	SC01268
	Biology	SC01269
	Anatomy/Physiology	SC01307
	<b>Online</b>	
	Chemistry	SC00335
	Physics	SC00337
	Earth/Space Science	SC01272
	Anatomy/Physiology	SC01559
	AP® Biology	SC00051

	AP® Chemistry	SC00052
	AP® Physics I	SC00725
<b>SOCIAL SCIENCE</b>		
	<b>Blended</b>	
	World History (fall sem.)	PS01275
	World Geography (spring sem.)	PS01273
	U.S. Government (spring sem.)	PS01309
	U.S. History	PS01310
	<b>Online</b>	
	Sociology (fall sem.)	PS01274
	Psychology (spring sem.)	PS01276
	AP® U.S. History	PS00336
<b>SPANISH</b>		
	<b>DDN</b>	
	Spanish I	
	8:25-9:15	WL00064
	11:30-12:20	WL00076
	1:30-2:20	WL00078
	2:30-3:20	WL00130
	2:45-3:35	WL00114
	Spanish II	
	9:20-10:10	WL00066
	12:30-1:20	WL00077
	<b>Blended</b>	
	Spanish I	WL01336
	Spanish II	WL01337
	<b>Online</b>	
	Spanish I	WL00628
	Spanish II	WL00508
	Spanish III	WL00143

## **Western Dakota Tech Dual Credit Online Course Offerings For Hot Springs High School**

Dual Enrollment allows high school juniors and seniors to enroll in courses at Western Dakota Tech and earn credit for high school graduation as well as post-secondary credit from Western Dakota Tech at the same time. In addition to earning dual credit, students have the opportunity to gain college-level experience and explore potential career fields while still in high school. This can give students a jump-start on their college careers, all while building confidence and saving on tuition. Any South Dakota student, who is at least a junior in good academic standing, can enroll in Dual Enrollment.

### **HC 213 MEDICAL TERMINOLOGY I (CREDITS: 3)**

Students will be taught the basic techniques of medical word building. These techniques will be applied to acquire an extensive medical vocabulary. The course introduces students to medical terms relating to the anatomy and physiology of body systems, pathology, diagnosis, medical treatments, and procedures.

### **CT 110 CONSTRUCTION SAFETY / OSHA (CREDITS: 3)**

Upon the successful completion of this course, participants will be able to clearly identify, define and explain Construction Industry hazards and acceptable corrective measures in accordance with the 29th Code of Federal Regulations, Part 1926 (29 CFR 1926), Occupational Safety and Health Administration (OSHA) Construction Industry Regulations. The OSHA 10 certification will be a requirement for this course.

### **CT 115 CARPENTRY – FRAMING & FINISH WORK (CREDITS: 3)**

This course explains the different types of building materials, fasteners, adhesives, and tools used by carpenters in the construction industry. It will also cover reading plans and elevations to understand construction designs, building floor systems for residential and commercial properties, constructing wall and ceiling framing systems, and understanding the methodologies of roof framing. This course will also provide an introduction to finish carpentry and exteriors such as roofing, siding, and window installation.

### **PSYC 101 GENERAL PSYCHOLOGY (CREDITS: 3)**

This course is an introduction survey of the field of psychology with consideration of the biological bases of behavior, sensory and perceptual processes, learning and memory, human growth and development, social behavior, and normal and abnormal behavior.

### **SOC 100 INTRODUCTION TO SOCIOLOGY (CREDITS: 3)**

Comprehensive study of society with analysis of group life and other forces shaping human behavior.

## **Dakota State University Cybersecurity Program**

The Cyber Leadership and Intelligence pilot project (CLIPP) is a three-year project beginning Fall semester 2021 and ending at the conclusion of Spring semester 2024. CLIPP

offers to the state of South Dakota, to the students of the Southern Hills Educational Consortium, and to the regental system of higher education in South Dakota three fundamental opportunities: (1) provides university level computer/cyber science courses to qualified high school students, (2) provides to high school students a close look at the fastest growing vocational market in the U.S., and (3) makes use of cross-sectional and longitudinal assessment and evaluation analyses to assist in future decision making about programs like this.

If you are interested in this program, please your building principal or assistant principal.

### **B.S. Cyber Leadership and Intelligence, Digital Forensics Specialization**

<b>Prefix/Number</b>	<b>Title</b>	<b>Credit Hr.</b>	<b>High School Delivery</b>
CLI 100	Introduction to Cyber Security Leadership	3	X
CSC 105	Introduction to Computers	3	X
CSC 145	Information Security Fundamentals	3	X
CSC 150	Computer Science I	3	X
CSC 123	OR Problem Solving & Programming		X
CSC 250	Computer Science II	3	X
CIS 275	OR Web Application Programming		
CSC 163	Information Security	3	X

## **Internship & Apprenticeship Information**

Many juniors and seniors often want to expand their career readiness skills and want to do so in a real-life environment. Hot Springs Schools is interested in partnering with local businesses in allowing our students the opportunity to hone these vital skills. Often called a “cooperative work experience”, a successful Internship or Apprenticeship uses the lessons learned in high school courses and combines them with the “soft skills” of hard work, motivation, self-starter, strong communication, etc.

Students who meet certain criteria will be approved for an on-the-job experience which best meets their needs. A few of these criteria include:

- On track to currently graduate and able to block out 2-3 hours in their schedule,
- Successful completion of all coursework in the prior semester,
- Demonstration of employable skills necessary to complete at least entry level tasks at their employer,
- Recommendation from at least one staff member,
- Meets career planning objectives and goals student has established for himself/herself using SDMyLife.

### **What is the difference between an Internship and an Apprenticeship?**

[Youth Internships](#) allow students the opportunity to consolidate and apply the learning from their high school coursework into a meaningful and relevant on-the-job experience. It is their venue to connect with the world outside of school and to gain the skills to go on to further education and/or enter the workforce. Youth Internships allow schools an avenue to promote the relevance and increase the rigor of the high school experience. A question we often hear from students is “Why do I need to learn math, science, and history? I’ll never use it.” Youth Internships are a way of helping students understand the relevance of academics in relation to what it takes to be successful in the workplace. Youth Internships provide an opportunity for students to apply the four R’s for schools – rigor, relevance, relationships, and results!

Youth Apprenticeship helps students gain work experience while earning a wage with a registered sponsor\*. An apprenticeship is designed for students to acquire hands-on job skills in a specific occupational area. Their experience will be gained through a career site and classroom instruction. Students earn high school credit as well as hours towards a registered apprenticeship. At the completion of the high school apprenticeship program, students can continue their apprenticeship to earn a nationally recognized credential. Youth apprenticeship differs from an internship in that apprenticeships guarantee students receive a wage, hours towards a registered apprenticeship and the opportunity to receive a nationally recognized credential at the completion of the registered apprenticeship program. Program of Study Application Capstone: Youth Apprenticeship is a capstone experience at the secondary level for students 16 and older.

\*Businesses must be part of a registered apprenticeship through the U.S. Department of Labor. Wages are set by business apprenticeship standards. Registered Sponsors have federally approved curriculum specific to the apprenticeship for use in the classroom.

For more apprenticeship information, visit the “[Start Today SD](#)” website.

## OTHER CONSIDERATIONS

### Student Aide

Credit: None	Course Length: Semester	Prerequisite: None
Grade: By Recommendation	Grading Scale: Unweighted	Credit: Work Experience

### Internship

Credit: None	Course Length: Semester	Prerequisite: None
Grade: By Recommendation	Grading Scale: Unweighted	Credit: Work Experience

### Apprenticeship

Credit: 1-3	Course Length: Semester	Prerequisite: Careers/Intern
Grade: 12	Grading Scale: Unweighted	Credit: CTE

### Independent Study

Credit: .5/1.0	Course Length: Semester/ Year	Prerequisite: As Defined by Class
Grade: 11-12	Grading Scale: Unweighted	Credit: Varied



### **Drop/Add Policy**

In order to ensure the academic integrity of courses offered at Hot Springs High School, the following Drop/Add Grading Policies are in effect:

DAY OF CLASS	POLICY
1-4	A student may drop a class without grade penalty, pending approval of the counselor and parent. After the 5 <sup>th</sup> day of the semester, additional approval of an administrator must be given. A parent signature is required. Another class must replace the dropped class. The student is responsible for making up all assigned work in the new class. Parental approval may be required for all dropped classes.
5-8	A student may drop a class, pending approval of a counselor and/or administrator and receive a "W" on their transcript. An alternate class must replace the dropped class and the student is responsible for making up all assigned work to earn credit in the new course. Parental approval may be required for all dropped classes.
9 and on	A student may drop a class, pending approval of a counselor and/or administrator and receive "WF" (withdraw failing-earning a 69% or less during time of withdraw) on their academic transcript. The term/cumulative GPA and class rank will be affected by the WF. The student may be placed in an alternate course through the Edgenuity Online Program. Parental approval may be required for all dropped classes.

HSHS Graduation Credit Check : Form is being redesigned as of 1/27/2022

Name: \_\_\_\_\_ Date: \_\_\_\_\_

## Language Arts – 4.5 cr

- English I S1 (required)
- English I S2 (required)
- English II S1 (required)
- English II S2 (required)
- English III S1 (required)
- English III S2 (required)
- Speech .5 (required)
- English IV S1 (required)
- English IV S2 (required)

Fine Arts – 1 cr

- Elective
- Elective

Other Required – 1.5 cr

- PE
- Personal Finance
- Health

# Writing/American Literature

## Math – 3 cr

- Algebra 1 S1 (required)
- Algebra 1 S2 (required)
- Geometry S1 (required)
- Geometry S2 (required)
- Algebra II S1 or other Math (required)
- Algebra II S2 or other Math (required)

## Electives – 6.5 cr

- ☐ ☐ ☐ ☐ ☐

Lab Sciences – 3 cr

- Biology S1 (required)
- Biology S2 (required)
- 1 year other Science
- 1 year other Science

## Social Studies – 3 cr

- Geography .5 credit
- World History 9 S1
- World History 9 S2
- American History S1
- American History S2
- American Government .5 credit

- Sr. Experience or Elective
  - Students have to have one of the following or take Sr. Experience
    - 1 cr World Language
    - 1 cr approved CTE course work

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

ACT:



## 2022-2023 Course Catalog Hot Springs Middle School

### Social Studies

#### 6<sup>th</sup> grade social studies

This class reviews a chronological narrative of ancient civilizations. The acronym GRAPES (geography, religion, achievements, politics, economics, and society) will be used to help understand the culture, traditions, and daily lives of people living during each civilization.

#### 7<sup>th</sup> grade social studies

This class will focus on world geography. This includes the study of physical and human characteristics for various geographical regions of the world, the five themes of geography, population, government types, economic systems, and culture.

### Language Arts

#### 7<sup>th</sup> Grade – Language Arts –

This course will provide reading and writing strategies for students to reach proficiency in Language Arts 7<sup>th</sup> grade State Standards utilizing Amplify Curriculum materials and additional resources including informational and literary text. Emphasis will be based upon establishing a strong foundation in both literature and informational text, writing for various purposes and audience, basic speaking/listening, and grammar. Quarterly book 'reports' from a variety of genres is required.

#### 8<sup>th</sup> Grade – Language Arts –

This course will provide reading and writing strategies for students to reach proficiency in Language Arts 8<sup>th</sup> grade State Standards utilizing Amplify Curriculum materials and additional resources including informational and literary text. Emphasis will be placed on information text reading strands and research-based writing in MLA format. Quarterly book 'reports' from a variety of genres is required.

## Math

### 6<sup>th</sup> Grade Math

Sixth grade math is a one-year course that introduces the basic mathematical topics that enables a student to move on to further middle and high school courses. This course studies the topics of: operations of arithmetic, operating fractions, decimals, and percentages, areas and perimeter, variables and patterns, and data. This course is required to move onto seventh grade math.

### 7<sup>th</sup> Grade Math

Seventh grade math is a one-year course that introduces the basic geometric and algebraic mathematical topics that enables a student to move on to further middle and high school courses. This course studies the topics of: two-dimensional and three-dimensional geometry, recognizing and computing rational and irrational numbers, ratios, percents, rates, and proportions. We also cover the topics of making predictions, making comparisons, and computing linear equations.

## Science

### 6<sup>th</sup> Grade Science

**Course Summary** Investigations on the nature of science and how scientific knowledge is achieved are essential components of sixth grade earth and space science. The primary discipline is the investigation of the earth and space sciences. Students will explore the major themes of geology, plate tectonics, the atmosphere, oceanography, and space science

### 7<sup>th</sup> Grade Science

**Life Science** is the study of the biological world around us. Throughout our journey this year we will explore life under water, on land and in the air and encounter many single- and multi-celled organisms ranging from amoebas to trees to humans. We will gain a general understanding of the living organisms found on our planet and the worlds they live in.

### 8<sup>th</sup> Grade Science

The course provides an overview of the physical world and gives students tools and concepts to think clearly about matter, atoms, molecules, chemical reactions, motion, force, momentum, work and machines, energy, waves, electricity, light, and other aspects of chemistry and physics.

## Middle School Family and Consumer Science

Middle School Family & Consumer Science focuses on learning the value of balancing personal, home, family, and work/school life. This introductory course will provide students with an overview of the major content areas of Family and Consumer Science, including sewing and textiles, interior design, child development, and culinary arts. Enrollment in this course allows students to become members of FCCLA.

## Band

### Middle School Beginning Band

Credit:

Grades:6

Course Length: year

Grading Scale: Unweighted

Credit: Fine Arts

**Pre-Requisite:** Must have one year of instrumental ensemble/lesson study in a school setting or from a private instructor. Must have secured their own instrument via conversation with band director.

This course is designed to continue the process of learning an instrument in elementary school. This class focuses on basic music education in the instrumental realm. We use a standard based music curriculum lesson book to work through during the school year. This band uses the first lesson book. Topics such as key signatures, accidentals, signs and symbols, treble/bass clef note reading, and usual care and maintenance of their instrument are a part of the course of the year. The band performs twice a year with a concert in December and May to showcase their abilities and growth throughout the year.

### Middle School Advanced Band

**Pre-Requisite:** Must have two years of instrumental ensemble/lesson study in a school setting or from a private instructor. Must have secured their own instrument via conversation with band director.

This course is designed to further the process of learning an instrument in middle school and to prepare the student for the high school band program. This class focuses on the intermediate music education in the instrumental realm. We continue to use a standard based music curriculum lesson book to work through during the school year. This band uses the second lesson book. Topics continue to go further in depth through the course of the year. The band performs twice a year with a concert in December and May to showcase their abilities and growth throughout the year.

## 6th-8<sup>th</sup> grade STEM

This exploratory course for middle school students expands upon their science, technology, engineering, and math skills. Students will learn more about computer programming, the engineering design process, robotics, 3D printing, and aeronautics. This course is offered to teach “21st-century skills,” needed to compete and succeed in the workplace of the “future.” In order to be prepared for jobs and compete, students need to be able to solve problems, find and use evidence, collaborate on projects, and think critically.

## 6th-8<sup>th</sup> grade PE / Health

**The middle school physical education program** will focus on the development and enhancement of social and behavioral skills. In addition to this the students will also learn to value and recognize the benefits of physical activity for lifelong health.

**6th Physical Education**-This 9-week class will offer students an opportunity to develop fundamental movement patterns and skills. Skills to be taught will include:

- \* Students will learn about the 3 modalities of fitness
- \* F.I.T.T formula
- \* Gross and fine motor skills

- \* Team building activities
- \* Safety in all environments
- \* Object manipulatives including but not limited to: handball, one base, capture the pins, ultimate frisbee

**7th Physical Education-** This 9-week class offering will challenge students to explore diverse patterns of movement and exercise. Lessons to be taught will include:

- \* Team relays
- \* Jump rope
- \* Basic plyometrics
- \* Fitness circuits
- \* Team

**8th Intro to Strength and Conditioning-** This semester class will introduce students to basic movement concepts and safety guidelines for strength development. Students will also be exposed to intermediate plyometrics and anaerobic activities. Emphasis will be placed on bilateral, unilateral, and working outside of the sagittal plane.

- \* Anatomy lessons-mapping large muscles and movements
- \* Creating individualized programs
- \* Peer evaluation
- \* Performance tracking for outcomes

**Health-** The Health Education program will encourage the development of physical, mental, social, and emotional health. The emphasis of Health Education is to develop health goals and general education goals to build the skills necessary to live a healthy lifestyle.

## **Middle School Intervention**

Reading Intervention provides students with an opportunity to increase reading, writing, test taking, and study skills at their instructional level. Each class is designed to meet the individual needs of students within a small group setting. The pace of instruction is modified to allow for different rates of learning.

A key aspect of reading intervention is developing self-esteem through acquisition of reading and writing skills and strategies. Students gain confidence and their skills improve through instruction in decoding, comprehension, writing, study skills, and test taking strategies across our school district curricula and units of study.

Math Intervention provides students access to the regular curriculum with the support they need to be successful at their instructional level. Math Intervention is an extension of the regular grade level course that provides students who need it additional focused instruction and support at the needed level of intensity.

The goals of Math Intervention are to increase student self-efficacy in mathematics, support students in mastering grade level math standards, to re-teach critical concepts and skills, and to fill pre-requisite grade level skill gaps.