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Dear Student and Parents

The purpose of the GOLDBOOK is to assist you in planning your high school educational program in order meet graduation requirements and prepare you for your future beyond high school. The GOLDBOOK has been developed by Administration and Counselors with input from Student Senate, Principal’s Advisory Group, and Teachers.

Please read the information carefully. Give careful consideration to those courses for this next school for which you wish to register. Check your transcript and study graduation requirements carefully. Consider the “Career Cluster” information as needed. Speak with a counselor if you have questions. The Aberdeen Public School District and Central High School will make every effort to place you the classes you have selected. Please remember that, based on your registration, staff members are hired and classes are offered.

It is our intention to be able get your schedules to you so will have an opportunity to see your schedule prior to the first day of school. Schedule changes will be extremely difficult once you have indicated your choice selection for the next school year. Therefore, it is imperative that you and your parents take your time and plan for next year’s courses.

If you have any questions or concerns regarding schedule procedures, course selection, or information contained in this booklet, please contact your counselor, administrator, or teacher for assistance. Let’s have a great future together!

Sincerely,

Jason Uttermark
Principal
STEPS FOR USING THIS GUIDE

Step 1 Review the career clusters to match your interests with a career.
Pages 11 - 27

Step 2 Review the course descriptions and discuss your options with your
parent/guardian, a counselor, your Advocate teacher, or other teacher.
Pages 38 - 72

Step 3 Using the 4-year plan worksheet, select appropriate courses to prepare for your future and to meet
Aberdeen School District 6-1 and state of South Dakota graduation requirements.

Step 4 Note the following reminders for registration:
1. Register for eight credits.
2. Check for prerequisites.
3. Check for electives that fit your interests.
4. Complete the registration form, have it signed by a
parent/guardian, and return it to your Super Study teacher.

DEFINITION OF TERMS

Block: An 87-minute period of time during which students are in a class.
Term: A nine-week period of time during which students can earn .5 credit in successfully completed courses. (This
replaces the “quarter” terminology.)
Credit: Credit is earned when a subject has been completed satisfactorily. Credits may also be referred to as units
and are equal in this Gold Book.

- .5 per 1 term class
- 1.0 per 2 term class
- 2.0 per 4 term class

Level: The academic rigor of the course. *All courses are General unless noted in the course title.

- G = General (open to all students)
- H = Honors (open to students who plan on furthering their education)
- AP = Advanced Placement (select students)
- ALT = Alternative (select students)

Required courses: Specific subjects that must be successfully completed to meet graduation requirements.
Elective courses: Subjects that students may choose to take throughout their years at CHS.
Prerequisite: A course that is strongly recommended in order to register for the next, more difficult course.

Transcript of Credits: This includes a student’s grades and courses taken in 9th through 12th grade, test scores,
class rank, and grade point average.

Transcript Release: A form which must be signed to allow the school to send an individual’s transcript to a college,
university, vocational/technical school, or employer if required. This form is available in the Registrar’s Office.

ACADEMIC COURSE LOAD REQUIREMENTS

All students must register for eight (8) credits of class for the coming school year.

COURSE SELECTION

It is very important for students at Central to select courses wisely. When selecting your courses, please consider the
following:
1. Graduation requirements.
2. Your life and career goals.
3. The things you enjoy learning.

SELECT CAREFULLY!
SCHEDULE CHANGES AND DROPPING COURSES AFTER SCHOOL HAS BEGUN

Students have three days to add and five days to drop classes at the beginning of each term. One-credit courses may be dropped (with parental, teacher and administrative approval) at the end of the first of the two terms. Depending on the class, one half credit may be awarded if a passing grade is earned for the first term.

DRIVERS EDUCATION PROGRAM

Drivers Education is offered in the spring (after the school day) and in the summer. This course is offered at a cost to the student and parents. All driving is done in June and July. Note: No graduation credit is earned for Drivers Education.

INCOMPLETES

Grades of “I” (incomplete) will be assigned for unfinished course work. It is the student’s responsibility to meet with the teacher to have the incomplete explained and a deadline set for the completion of the unfinished work. Failure to complete the work by the deadline will result in an “F”, and no credit will be issued.

PROGRESS REPORTS

Teachers are required to notify parents at mid-term if students are in danger of failing a course. This written progress report is a warning to improve immediately. Normally a counselor will also be notified, and he or she may schedule a conference with the student.

REPORT CARDS AND PARENT-TEACHER CONFERENCES

Report cards are issued at the end of each grading period. If you have a problem with your report card, contact your instructor. Report cards may be held due to fines, unserved detentions, etc. Parent-Teacher Conferences will be scheduled four times a year in the middle of each term.

HONOR ROLL AND MERIT ROLL

Students with a term grade point average (GPA) of 3.750 or higher are recognized on the Honor Roll at the end of each grading period. Students with a GPA of 3.250 to 3.749 are recognized on the Merit Roll.
**Grading System**

CHS operates on the A, B, C, D, and F grading system with “plus” and “minus” marks. Other grades you may receive are: N (no credit), I (incomplete), W (withdrawal) and EX (medical waiver for PE).

Each course at CHS is designated as:

- **G** = General (open to all students)
- **H** = Honors (open to students who plan on furthering their education
- **AP** = Advanced Placement (select students)
- **ALT** = Alternative (select students)

Exceptions to these are noted in course descriptions. Grade points (used in determining your GPA) are assigned based on the chart below.

<table>
<thead>
<tr>
<th>Grade</th>
<th>G</th>
<th>H</th>
<th>AP</th>
<th>ALT</th>
</tr>
</thead>
<tbody>
<tr>
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<td>4.00</td>
<td>4.50</td>
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</tr>
<tr>
<td>A</td>
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<td>A-</td>
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<tr>
<td>F</td>
<td>0.00</td>
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<td>0.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

**Parent Portal**

Parent Portal is a communication tool between school and home. This is a valuable resource to keep current on your student’s progress. Teachers update their site on a weekly basis although some courses are not graded until the completion of a specific project. Please be aware that your student's final grade could differ from the Parent Portal information due to unexcused tardies or absences. For more information on Parent Portal, contact Janet Simon at the Aberdeen School District, 725-7133, or log on to the District website at [www.aberdeen.k12.sd.us](http://www.aberdeen.k12.sd.us)

**Credit for Algebra 1 Taken in Middle School**

Any student who successfully completes Algebra 1, and who passes the end-of-course exam with at least 80%, will be given high school credit. This grade will be recorded on his/her transcript, included in their GPA, and counted toward the 25 credits required to graduate from CHS.

**Early Graduation**

Any senior who meets Policy IFKA guidelines may be eligible to graduate early their senior year. This student and his or her parent/guardian must meet with a counselor prior to October 1st of their senior year. Please visit with a counselor for more information. A second meeting with student, counselor, principal and parent is necessary to finalize early graduation.
HONORS COURSES

Are Honors (H) Classes Right for You?
Honors classes are designed for students who intend to further their education. Here are some essential questions to ask yourself if you are trying to decide if Honors (H) is right for you:

Do I like to, and am I driven to, read more than general courses?
Honors courses are assigned readings of 10-15 more pages a night and will cover more material in a given class period. If you’re ready for this challenge, Honors is right for you.

What kind of role do I want in the classroom?
Honors classes are more focused on student-generated and student-led discussion and observations and less emphasis on teacher-directed discussion. This doesn’t mean you won’t participate in class discussion in a general class, but Honors classes put more responsibility on you to make and communicate key observations.

How much do I like to push myself?
Honors courses will require you to have more initiative. You will be given fewer reminders about due dates and more independent work. If you are ready for the challenge of regulating your own time, Honors is right for you.

ADVANCED PLACEMENT COURSES

Advanced Placement courses are college courses taught at the high school level. AP courses provide intensive critical thinking skills that prepare students for their college experience. These courses also prepare students for national three-hour examinations in May. Student may earn credit depending on the scores they receive on the exams. The cost of each exam is the student’s responsibility.

Advanced Placement courses may count as two (2) credits for graduation from Central High School but count as only one (1) credit toward the South Dakota Opportunity Scholarship.

| AP Biology              | AP English Literature & Composition |
| AP Calculus AB         | AP European History                |
| AP Chemistry           | AP US History                      |
| AP English Language & Composition | |

APEX COURSES

APEX courses are one semester courses that are available for students who have been successful in past AP courses. APEX courses are Advanced Placement classes delivered over the Internet and cost $300 per course.

| AP Macroeconomics   | AP English Literature & Composition |
| AP Microeconomics  | AP Physics B                        |
| AP Psychology      | AP Statistics                        |
| AP US Government & Politics | |
| AP US History      | |

LEARNING POWER COURSES

Learning Power South Dakota Online AP courses are full-year courses available at the South Dakota Virtual High School on a first-come, first-serve basis. Students must have the permission of their schools to participate. Courses are taught by qualified instructors. Courses are offered free of charge.

| AP Biology              | AP English Literature & Composition |
| AP Calculus AB         | AP Physics B                        |
| AP Chemistry           | AP Statistics                        |
| AP English Language & Composition | |
**DUAL ENROLLMENT COURSES**

Any senior who has earned Open Campus privileges may apply to a postsecondary institution as a special, dual-enrolled student. The student must visit with a counselor and obtain the school district's approval of the desired course prior to enrolling. The postsecondary institution must be accredited. If approved, the student shall receive full credit toward high school graduation as well as the postsecondary credit. Three semester hours of postsecondary credit equals one high school credit. For the high school transcript and for the purpose of calculating GPA, the grade earned in the postsecondary course will be recorded on the transcript and figured into the GPA. The grade will be weighted according to the level of difficulty of the course.

**RISING SCHOLAR PROGRAM**

Northern State University and Presentation College offer a Rising Scholar program to qualified high school seniors. This program provides these students a chance to take superior college-level courses in mathematics, English, history, physics, biology, and others. The courses are taught by NSU and PC faculty. The student earns NSU or PC credit that is recorded on an NSU or PC transcript as well as high school credit. Partial tuition reimbursement, depending on the grade earned, is also available. For more information, please visit with a CHS counselor or call the NSU Admissions Office at 626-2544 or the PC Admissions Office at 229-8492.

**REQUIRED CREDITS FOR COLLEGE/TECHNICAL ADMISSION**

A college or university-bound student should plan courses accordingly. This plan should include as many college preparatory subjects as possible to provide a background in mathematics, English, science, social science, and foreign language.

Any students who feel they may go on to colleges or technical schools should find out what admissions requirements are needed for the school of their choice.

All colleges and universities in South Dakota will accept the ACT as an undergraduate entrance exam.
ABERDEEN CENTRAL HIGH SCHOOL
GRADUATION REQUIREMENTS

Applies to 2014 graduation and after

English/Language Arts - 4.0 credits – must include:
Language Arts 9 (.5); Speech (.5); Literary Genres & Composition (1.0);
US Literature & Comp. (1.0); British Literature & Comp. (1.0).

Mathematics - 3.0 credits – must include:
Algebra 1 (1.0), *Geometry (1.0), *Algebra 2 (1.0).

Lab Science – 3.0 credits – must include:
Physical Science (1.0); Biology (1.0); *Chemistry or Physics (1.0).

Social Studies - 3.5 credits – must include:
World Geography (.5); U.S. Government (.5); U.S. History (1.0); World
History (5.); Senior Civics or Sociology (.5); Economics or Personal Finance (.5).

Required Offerings – 1 credit – must include any combination:
a. Approved Career & Technical Education (Hub Area Technical classes).
b. Capstone Experience (Internship, Entrepreneurship).
c. World Language.

Fine Arts -1 credit

Physical Education – 1 credit ^

Health – 1 credit

Computer Studies – 1 credit

Electives – 6.5 credits

TOTAL REQUIRED CREDITS: 25

* With school and parent/guardian approval, a student may be excused from this course in favor of a more appropriate course. A student may be excused from Algebra II or Geometry, but not both. A student is still required to take three units of Math. If a student is excused from Chemistry or Physics, the student must still take three units of Lab Science.

^ Upon anticipated completion of 4 years participation in either a school sponsored athletic activity, marching band, color guard, or show choir, if academic scheduling conflicts are evident; students may petition for a .5 credit waiver of physical education as required for graduation. Seniors receiving waiver WILL NOT have an open campus on their schedules. See CHS administration for a waiver form.
# 4-Year Planner for Class of 2014 Graduates and Beyond

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<td>PE</td>
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<td>Block</td>
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Must take a math class and a science class during the 11th grade year.

<table>
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<td>Block</td>
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</tbody>
</table>

1.0 Fine Arts  
1.0 Computer Applications  
1 Additional credit in World Language, approved CTE courses, Internship and/or Entrepreneurship.  
Additional Electives to total a minimum of 25 credits
**SOUTH DAKOTA OPPORTUNITY SCHOLARSHIP**  
**CLASS of 2014 & BEYOND**

The South Dakota Board of Regents officially recognizes seniors committed to academic excellence by making available the South Dakota Opportunity Scholarship to those graduating seniors attending South Dakota schools that are accredited by the North Central Association with: 1. ACT composite scores of 24 (or SAT combined scores on the reading and math tests of 1090), 2. Cumulative grade point averages of 3.0 (based on state conversion of numeric grade points) and 3. Completion of the following number of units with no course grades below a "C":

<table>
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<tr>
<th>Subject</th>
<th>Units Required</th>
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<tbody>
<tr>
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<tr>
<td>Language Arts 9</td>
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<tr>
<td>American Literature &amp; Composition (General and Honors)</td>
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<tr>
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<td>Speech 9</td>
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<td>A.P. English Language &amp; Composition</td>
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<td>Creative Writing</td>
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<td>Algebra 1</td>
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<td>Geometry (General and Honors)</td>
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<td>Honors Pre-Calculus</td>
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MODERN OR CLASSICAL LANGUAGE/AND OR CAREER AND TECHNICAL EDUCATION

(2 units)

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<td>Introduction to Vehicle Systems &amp; Maintenance</td>
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<td>Automotive Brakes</td>
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<td>Automotive Suspension and Steering</td>
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<td>Introduction to Building Trades</td>
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<td>Residential Construction</td>
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<td>Cabling</td>
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<td>Computer Hardware</td>
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<td>Health Science Careers I</td>
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<td>Health Science Careers II</td>
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<td>Health Science Careers III</td>
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<td>Health Science Careers IV-Career Exploration</td>
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<td>Machine Tool Technology I</td>
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<td>Machine Tool Technology II</td>
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<tr>
<td>Welding Technology</td>
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</tr>
<tr>
<td>Radio &amp; Television Production</td>
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<td>Broadcast Journalism</td>
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FINE ARTS (1 unit)

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
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<tbody>
<tr>
<td>Introduction to Art</td>
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<tr>
<td>Advanced Art</td>
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<tr>
<td>Drawing</td>
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<tr>
<td>Painting</td>
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<td>Honors Studio Art</td>
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<tr>
<td>Computer Graphics</td>
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<td>Honors Hands on Art History</td>
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<td>Pottery</td>
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<tr>
<td>Black &amp; White Photography</td>
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<tr>
<td>Advanced Photography</td>
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<tr>
<td>Stagecraft</td>
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<td>Theatre 1</td>
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<tr>
<td>Theatre 2</td>
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<tr>
<td>Eagle Band (Freshman Band)</td>
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<tr>
<td>Concert Band</td>
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<tr>
<td>Symphonic Band (General and Honors)</td>
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<tr>
<td>Eagle Choir (Freshman Choir)</td>
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<tr>
<td>Concert Choir</td>
<td>2</td>
</tr>
<tr>
<td>A Cappella Choir</td>
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<tr>
<td>Freshman Orchestra</td>
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<tr>
<td>Sophomore Orchestra</td>
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</tr>
<tr>
<td>Junior/Senior Orchestra</td>
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<tr>
<td>Sculpture</td>
<td>½</td>
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<tr>
<td>Oral Interpretation</td>
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PHYSICAL EDUCATION ½
HEALTH ½
PERSONAL FINANCE OR ECONOMICS ½

Each Advanced Placement course counts as two credits for graduation from Central High School (with the exception of A.P. Statistics) but counts only as ONE credit toward the South Dakota Opportunity Scholarship.

The ACT or SAT test must be taken before the student graduates from high school. Eligibility for the South Dakota Opportunity Scholarship is based on an application submitted to the South Dakota post-secondary institution by the student, along with an official high school transcript and verification of the outlined criteria. Applications may be picked up in the Student Service Office.

For more details, contact: South Dakota Board of Regents
South Dakota Opportunity Scholarship Program
306 E. Capitol Avenue, Suite 200
Pierre, SD 57501-2545
605-773-3455
pault@sdbor.edu
www.sdbor.edu/OpportunityScholarship

Regent Scholars

Effective in 2001, the Regents' Scholar Diploma program was established as an academic letter that school districts use to recognize graduating high school seniors who have demonstrated academic excellence through the completion of coursework in the six content areas. Additionally, high school graduates designated as Regents' Scholars automatically are admitted to all six public universities. For students to be nominated as recipients of the Regents' Scholar Diploma, they must have 1) graduated from a South Dakota high school; 2) completed the coursework identified in the six areas outlined below; 3) receive a “C” (2.0 on a 4.0 scale) or higher on all required coursework; and 4) maintained an unweighted cumulative grade point average of a “B” (3.0 on a 4.0 scale) throughout high school.

- 4 units of English: Courses with major emphasis upon grammar, composition, or literary analysis; one year of debate instruction may be included to meet this requirement.

- 4 units of algebra or higher mathematics: Algebra, geometry, trigonometry or other advanced mathematics including accelerated or honors mathematics (algebra) provided at the 8th grade level; not included are arithmetic, business, consumer or general mathematics or other similar courses.

- 4 units of science including 3 units of approved laboratory science: Courses in biology, chemistry, or physics in which at least one (1) regular laboratory period is scheduled each week. Qualifying physical science or earth science courses (with lab) shall be decided on a case by case basis.

- 3 units of social studies: History, economics, sociology, geography, government—including U.S. and South Dakota, American Problems, and similar courses.

- 2 units of a modern or classical language (includes American Sign Language): The two units must be in the same language.

- 1 unit of fine arts: Coursework in art, theatre or music. Such credit may be in appreciation, analysis, or performance.
CAREER CLUSTERS

Career clusters help you acquire the knowledge and skills you need to reach your personal career goals. They organize what you learn in school around specific professional fields such as Health Science or Hospitality and Tourism. Information Technology, for example, focuses on professions that require highly technical training, while Human Services emphasizes occupations that involve people skills. South Dakota recognizes these 16 career clusters:

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

As you use Career Cruising you will identify at least one career cluster that, based on your interests and aptitudes, may be of interest to you. By doing additional research focusing on specific job titles that fall within that cluster, you will better prepare yourself for making wise decisions about your future and identify careers that you might be interested in pursuing.
Agriculture, Food & Natural Resources Career Cluster

A career in Agriculture, Food & Natural Resources prepares individuals for successful careers in the planning, production, management and marketing of agricultural commodities and services. These services may include, but are not limited to food, fiber, wood products, natural resources, horticulture, and other plant and animal products. According to national and state labor statistics, this career cluster is expecting approximately a 30 percent growth in most of its career pathways.

There are many educational and training opportunities within the high-skilled world of Agriculture, Food & Natural Resources. Students interested in this career cluster should have a solid background in math, science, communications and technical skills.

From agriculture economists and engineers to fish and game officers, the scope of careers available in this career cluster is broad and continues to grow as the field expands to meet the needs of a global market.

Agriculture, Food & Natural Resources Pathways:

- Agribusiness Systems
- Animal Systems
- Environmental Service Systems
- Food Products and Processing Systems
- Natural Resources Systems
- Plant Systems
- Power, Structural & Technical Systems

Ten Agriculture, Food & Natural Resources Careers to Consider:

- Animal Scientist
- Landscaping Manager
- Soil and Plant Scientist
- Veterinarian
- Veterinary Technician
- Forester
- Butcher and Meat Cutter
- Conservation Scientist
- Farm Equipment Mechanic
- Farm Manager
The Architecture & Construction industry offers incredible opportunities for motivated individuals interested in designing, planning, managing, building and maintaining facilities. According to national statistics, the need for workers in this area is projected to grow by more than 11 percent by 2014. In South Dakota, nearly 21,000 individuals were employed in a construction-related industry in 2005. That group made up 5 percent of the state’s labor force. The need for construction workers in South Dakota has increased 12 percent since 2001, and all indicators show that this invigorating trend will continue.

Students interested in this career cluster should have good communications skills, an aptitude for math and be physically able to work in construction environments.

The construction industry has a large number of self-employed workers, which presents great opportunities for self-motivated individuals. In fact, the average size of a construction-related business is just seven employees. Whether your goal is to work for a large corporation or operate your own business, you will find a variety of opportunities in this field---many with excellent earning potential.

**Architecture & Construction Pathways:**

- Construction
- Design/Pre-Construction
- Maintenance/Operations

**Architecture & Construction Careers to Consider:**

<table>
<thead>
<tr>
<th>Architecture &amp; Construction Careers to Consider:</th>
<th>Animal Scientist</th>
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<tbody>
<tr>
<td>Architect</td>
<td>Carpenter</td>
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<tr>
<td>Carpenter</td>
<td>Conservation Scientist</td>
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<td>Civil Engineer</td>
<td>Farm Equipment Mechanic</td>
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<td>Civil Engineering</td>
<td>Farm Manager</td>
</tr>
<tr>
<td>Technician</td>
<td>Forester</td>
</tr>
<tr>
<td>Construction Manager</td>
<td>Landscaping Manager</td>
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<tr>
<td>Construction Trades Manager</td>
<td>Soil and Plant Scientist</td>
</tr>
<tr>
<td>Electrical Power-Line Installer &amp; Repairer</td>
<td>Veterinarian</td>
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<tr>
<td>Electrician</td>
<td>Veterinary Technician</td>
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<tr>
<td>Heating/Cooling Mechanic</td>
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<tr>
<td>Landscape Architect</td>
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</tbody>
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- 13 -
ARTS, AUDIO/VIDEO TECHNOLOGY & COMMUNICATIONS
CAREER CLUSTER

The Arts, A/V Technology & Communications industry is perhaps one of the most exciting, competitive and creatively challenging career fields available. According to national statistics, trends show a 20 to 30 percent increase in the demand for some of these professions. South Dakota’s statistics show a 26 percent increase by the year 2014.

Students interested in this career cluster should have the desire to express themselves through dance, art, writing or performance; be energetic and have strong self-confidence, a passion for being on the cutting-edge of technology; and a drive to succeed.

There is a wide range of salaries in all of these areas. Successful actors, news anchors or performers earn high salaries. Wages for individuals in trades like printing, telecommunications and broadcast technology are above the national average. However, there are many “starving artists” out there still looking for the big break!

Arts, A/V Technology and Communications Pathways:

Audio and Video Technology and Film
   Journalism and Broadcasting
   Performing Arts
   Printing Technology
   Telecommunications
   Visual Arts

Ten Arts, A/V Technology and Communications Careers to Consider:

Broadcast News Analyst
Broadcast Technician
Commercial and Industrial Designer
Desktop Publisher
Editor
Graphic Designer
Multi-media Artist and Animator
Postsecondary Art, Drama and Music Teacher
Producer and Director
Reporter and Correspondent
BUSINESS, MANAGEMENT & ADMINISTRATION
CAREER CLUSTER

The Business, Management & Administration industry serves as the powerbase that drives our nation’s economic welfare. According to national statistics, the need for business management and administration professionals is projected to grow by more than 9 percent by 2014. In South Dakota, more than 2,500 individuals were employed in the business management and administration field in 2004. The need for management and administrative professionals in South Dakota is anticipated to grow more than 10 percent by 2014.

Extremely diverse, business management and administration are vital elements as well as absolute necessities for every successful company and corporation.

The degree of responsibility and authority in this field varies greatly as does salary range and expectations. However, all the careers in this cluster encompass the planning, organizing, directing and evaluating of business functions essential to efficient and productive business operations. Self-directed individuals who enjoy leading others, creating solutions and a fast-paced work load will prosper in this industry.

Business, Management & Administration Pathways:

Accounting
Administrative Support
Business Information Management
General Management
Human Resources Management
Operations Management

Ten Business, Management & Administration Careers to Consider:

Accountant and Auditor
Advertising/Sales Agent
Executive Secretary
Financial Manager
First-line Supervisor/
Office Manager

General and Operations Manager
Legal Secretary
Management Analyst
Medical and Health Services Manager
Medical Secretary
The education field is entering a new era with the advent of new technology and the challenge of preparing students for an ever-changing world. According to national statistics, occupations in the Education & Training cluster will increase 20 percent by 2014. In addition to the K-12 system and higher education options, this industry is focusing on increasing training opportunities outside of traditional education settings and committing resources to job-specific programs.

The Education & Training cluster prepares individuals for careers in early child development, both public and private K-12 education systems, higher education institutions, public industry training programs, administration and supporting services.

Students interested in this career cluster should have good academic, technical and presentation skills.

The South Dakota Department of Labor has identified the following as critical need teaching occupations in South Dakota: K-12 music, special education, foreign language, and high school math and science.

**Education & Training Pathways:**

- Administration and Administrative Support
- Professional Support Services
- Teaching & Training

**Ten Education & Training Careers to Consider:**

- Career & Technical Education Teacher
- Education Administrator
- Elementary School Teacher
- Librarian
- Library Technician
- Middle School Teacher
- Preschool Teacher
- Secondary School Teacher
- Special Education Teacher
- Teacher Assistant
The Finance industry currently has more than 6 million people employed in finance-related occupations. A flexible career field, finance spans many different facets of the economy in both public and private sectors. Projected to have moderate or favorable growth in both South Dakota and nationwide, positions are available in both metropolitan and rural markets.

Students interested in this career cluster should have good organizational skills, time management skills, and communication skills, both verbally and electronically. Customer service is a must in this area.

Professionals in the Finance field focus on the business and management of money and credit. They work in credit unions, savings and loan institutions, finance companies, commercial banks, insurance companies, investment firms, financial planning firms, credit card companies, and finance departments of businesses and organizations. They also have the opportunity to become licensed as real estate agents, insurance agents and satisfy prerequisites for investment licensures.

**Finance Pathways:**

- Banking Services
- Business Finance
- Insurance
- Securities & Investments

**Ten Finance Careers to Consider:**

- Brokerage Clerk
- Claims Adjuster, Examiner and Investigator
- Credit Analyst
- Financial Analyst
- Insurance Appraiser
- Insurance Sales Agent
- Insurance Underwriter
- Loan Officer
- Personal Financial Advisor
- Securities, Commodities and Financial Services Sales Agent
Government & Public Administration professions are very different from most industries simply because they exist solely to serve the welfare of the general public and nation. According to national and state employment trends, careers in this cluster show steady or increasing growth.

Students interested in this career cluster should have excellent communications skills, have an aptitude for social studies, history and foreign languages as well as be detail-oriented, analytical and self-motivated.

All aspects of the Government and Public Administration field require management at some level, and all work toward the execution of essential governmental functions. Positions in this career pathway encompass nearly every occupation with millions of positions at all levels of government: federal, state and local, as well as the military.

**Government & Public Administration Pathways:**

- Foreign Service
- Governance
- National Security
- Planning
- Public Management & Administration
- Regulation
- Revenue and Taxation

**Ten Government & Public Administration Careers to Consider:**

- Compliance Officer
- Economist
- Eligibility Interviewer, Government Programs
- Financial Examiner
- Meter Reader, Utilities
- Municipal Court and License Clerk
- Postmaster and Mail Superintendent
- Tax Examiner, Collector and Revenue Agent
- Transportation Inspector
- Urban and Regional Planner
Booming nationally and statewide, the demand for careers in health science is growing rapidly with no signs of slowing down. In fact, it is the largest and fastest growing industry in the United States. According to national statistics, healthcare practitioners and technical occupations will grow by 25.8 percent by 2014. In addition, healthcare support occupations are projected to grow by 33.3 percent during this same time period. This national trend is also prevalent in South Dakota primarily due to the aging population. Another challenge for South Dakota, is securing healthcare professionals in rural areas.

This career cluster prepares people for positions responsible for health and wellness promotion as well as diagnosis and treatment of injuries and diseases. Positions may involve direct patient care, research or collecting and formatting data and information. Opportunities in South Dakota are varied, and people in this field can expect to work in settings such as hospitals, clinics, schools, laboratories, long-term care facilities, and home care agencies. Students interested in this career cluster should have good math, science, communication and technical skills.

Professionals in the Health Science Career Cluster have more than 200 careers to choose from, with over 10,000,000 workers currently in this field.

**Health Science Pathways:**

- Biotechnology Research and Development
- Diagnostic Services
- Health Informatics
- Support Services
- Therapeutic Services

**Ten Health Science Careers to Consider:**

- Diagnostic Medical Sonographer
- Pharmacist
- Family and General Practitioner
- Pharmacy Technician
- Licensed Practical Nurse
- Physical Therapist
- Medical and Clinical Laboratory
- Physicians Assistant
- Technologist
- Medical Records and Health
- Registered Nurse
- Information Technician
The Hospitality & Tourism industry is one of the largest and fastest-growing industries in the world. According to national statistics, employment in this career field is expected to increase by 16 percent through 2014. In South Dakota, 9 percent of workers work in the areas of accommodations and food service, a 7 percent increase since 2001. Positions in these areas in South Dakota are expected to grow by at least 22 percent by 2014.

Students interested in this career cluster should have good communication skills and possess a willingness to offer assistance and excellent customer service.

Wages vary greatly according to the region of the country and the type of food service, lodging establishment, or attraction where the worker is employed. Professionals working in specialty establishments such as cruise ships, fine dining or high-level hotels often experience higher earnings.

**Hospitality & Tourism Pathways:**

- Lodging
- Recreation, Amusements & Attractions
- Restaurant and Food/Beverage Services
- Travel & Tourism

**Ten Hospitality & Tourism Careers to Consider:**

- Chef/Head Cook
- Food Preparation Manager
- Food Service Manager
- Gaming Supervisor
- Interpreter and Translator
- Lodging Manager
- Meeting and Convention Planner
- Museum Technician and Conservator
- Recreation Worker
- Restaurant Cook
The Human Services field covers a wide expanse of careers—many that help people to enhance their lives. The field is exploding with opportunities in early childhood development, counseling and mental health services, family and community services, personal care services and consumer services. According to national statistics, more than 7.2 million people are employed in Human Services occupations. In South Dakota, the human services provider is ranked as the most rapidly growing occupation available in our state today.

Many challenging and satisfying job opportunities exist within this skilled world. Human services providers assist in a wide variety of fields, including psychology, rehabilitation or social work. They provide personal care as well as consumer services. Job titles that fall within this cluster include child care provider, counselor, religious leader, geriatric care giver, cosmetologist, funeral director, financial planner, and customer service representative.

Students interested in this career pathway should have a solid background in communications and science, and they should possess strong people skills.

**Human Services Pathways:**

- Consumer Services
- Counseling & Mental Health Services
- Early Childhood Development & Services
- Family & Community Services
- Personal Care Services

**Ten Human Services Careers to Consider:**

- Child, Family and School Social Worker
- Clergy
- Hairdresser, Hairstylist, Cosmetologist
- Medical and Public Health Social Worker
- Mental Health Counselor
- Occupational Therapy Assistant
- Personal and Home Care Aide
- Rehabilitation Counselor
- Residential Advisor
- Social and Community Service Manager
The Information Technology industry is igniting today's high-tech, information-driven world with limitless career choices in nearly every business field. According to national statistics, growth in information technology is expected to increase at least by 18 percent, including some of the fastest-growing projected occupations through 2014. In South Dakota alone, the demand for workers in the areas of Internet support and Web-related services will grow 26 percent by 2014.

The development of new technologies usually leads to demand for different types of IT professionals who can help organizations use technology to communicate with employees, clients and consumers.

Whatever area of information technology you choose to explore---Web design, animation, multi-media, programming, computer forensics, network administration, database development, communications or security---expect to find a career that will be in high demand in today's high-tech economy.

**Information Technology Pathways:**

- Information Support and Services
- Network Systems
- Programming and Software Development
- Web and Digital Communications

**Ten Information Technology Careers to Consider:**

- Computer/Information Systems Engineer
- Computer Programmer
- Computer Software Engineer
- Computer Software Systems Analyst
- Computer Support Specialist
- Computer Systems Analyst
- Database Administrator
- Medical Records and Health Information Technician
- Network Administrator
- Network Systems/Data Communications Analyst
The Law, Public Safety & Security industry has become a vital career field over the past decade. The demand for jobs in this area has been fueled by an increased need for national security, local law enforcement and emergency services workers. According to national statistics, employment in the Law, Public Safety & Security industry is expected to increase from 9 percent to 27 percent through 2014. In South Dakota, the projection is expected to increase by 7.5 percent.

Students interested in this career cluster should have good communication skills, both verbal and electronic, be computer literate, detail-oriented, able to work in high-pressure situations, maintain flexibility, and be physically able to meet the demands of the position.

Professionals working in Law, Public Safety & Security fields are employed by the thousands at the federal, state and local levels. Careers in this cluster focus on planning, managing, and providing legal, public safety, protective services and homeland security. But they also include a variety of professional and technical support services---making this pathway one of the most diverse, challenging and personally rewarding fields there is to choose from.

**Law, Public Safety, Corrections & Security Pathways:**

- Correction Services
- Emergency and Fire Management Services
- Law Enforcement Services
- Legal Services
- Security & Protective Services

**Ten Law, Public Safety, Corrections & Security Careers to Consider:**

- Emergency Management Specialist
- EMT and Paramedic
- Fire Fighter
- First-line Supervisor/Manager of Police and Detectives
- Lawyer
- Paralegal/Legal Assistant
- Police/Sheriff’s Patrol Officer
- Private Detective and Investigator
- Probation Officer/Correctional Treatment Specialist
- Security Guard
The Manufacturing industry encompasses planning, managing and performing the tasks required to process raw materials into intermediate or final products. It also includes related professional and technical support activities such as production planning and control, maintenance, and manufacturing or process engineering.

According to national labor statistics, this career cluster is expecting approximately a 13 percent growth in most of the career pathways. South Dakota projections are expected to reach only 5.7 percent.

Students interested in this career cluster should have a strong background in math and science. They also should have good manual dexterity and be detail-oriented and analytical.

Despite improvements in production technology and rising imports, manufacturing employment is expected to increase as strong demand continues for high-tech electrical goods and pharmaceuticals. Demand is especially strong along the I-29 corridor of South Dakota where welders, machinists and robotic technicians are at a premium.

**Manufacturing Pathways:**

- Health, Safety & Environmental Assurance
- Logistics & Inventory Control
- Maintenance, Installation & Repair
- Manufacturing Production Process Development
- Production
- Quality Assurance

**Ten Manufacturing Careers to Consider:**

- Civil Engineering Technician
- Electrical and Electronics Repairer
- First-line Supervisor/Manager of Production Workers
- Industrial Engineering Technician
- Industrial Machinery Mechanic
- Industrial Production Manager
- Machinist
- Purchasing Agent
- Telecommunications Equipment Installer/Repairer
- Welder
Careers in Marketing offer diverse opportunities for job seekers. According to national statistics, there are 16 million jobs in sales and related occupations, and more than 300,000 high-paying management positions are likely to become available over the next decade.

A flexible career field, positions in Marketing are available in virtually every industry in both urban and rural market places. This career cluster also lends itself well to entrepreneurial endeavors. Technology and the Internet have virtually opened the door for individuals to launch small businesses out of their homes in nearly any community.

Students interested in this career cluster should have good communication skills, both verbal and electronic, applied math skills and be technologically savvy.

Professionals in Marketing make up approximately one-fourth of the civilian workforce in the United States. Whether your interests lie in working with a government agency, hospital, charitable or religious group, educational institution, large corporation, or for yourself, there are many satisfying careers.

**Marketing Pathways:**

- Marketing Communications
- Marketing Management
- Marketing Research
- Merchandising
- Professional Sales

**Ten Marketing, Sales & Service Careers to Consider:**

- Appraisers and Assessors of Real Estate
- First-line Manager/Supervisor
- First-line Supervisor/Manager of Non-retail Sales Workers
- Floral Designer
- Interior Designer
- Market Research Analyst
- Retail Estate Agent
- Sales Engineer
- Sales Representative, Technical and Scientific Products
- Wholesale/Retail Buyer
Science, Technology, Engineering & Mathematics Career Cluster

The Science, Technology, Engineering & Mathematics field incorporates all those careers related to research, testing and development. According to national statistics, job growth for this cluster is steady to increasing, as science and technology scurries to keep pace with social growth. In South Dakota, demand is expected to boom by 25.9 percent by the year 2014.

Students in this career cluster should have strong skills in math and science, analytical and critical thinking skills as well as an inquisitive nature.

The careers in this cluster center on planning, managing and providing scientific research and professional and technical services, including laboratory and testing services, and research and development services. A challenging field, professionals enjoy the investigative and creative nature and potentially life-altering outcomes of the work.

Science, Technology, Engineering & Mathematics Pathways:

- Engineering and Technology
- Science and Mathematics

Ten Science, Technology, Engineering & Mathematics Careers to Consider:

- Agricultural and Food Science Technician
- Architectural and Civil Drafter
- Biological Technician
- Chemical Technician
- Chemist
- Electrical and Electronic Engineering Technician
- Electrical Engineer
- Environmental Scientist
- Industrial Engineer
- Mechanical Engineer
The Transportation, Distribution & Logistics industry is becoming increasingly important in today's global economy. According to the national labor statistics, almost 10 million people are employed in transportation or transportation related occupations. The National Bureau of Labor Statistics projects a 14.7 percent increase in employment nationally, which is consistent with the averages for growth in this sector in South Dakota.

This industry provides career opportunities in the planning, management and movement of people, materials and products by road, air, rail and water. It also includes related professional and technical support services such as infrastructure planning and management, logistic services, and the maintenance of mobile equipment.

Students in this career cluster should have good communication skills, both verbally and electronically, be detail-oriented and analytical.

Professionals in Transportation, Distribution & Logistics can expect a growing number of career opportunities in a variety of professional and technical occupations. These careers offer high-paying, entry-level occupations that will provide outstanding career advancement opportunities.

**Transportation, Distribution & Logistics Pathways:**
- Facility & Mobile Equipment Maintenance
- Health, Safety & Environmental Management
- Logistics Planning and Management Services
  - Sales & Service
  - Transportation Operations
- Transportation Systems/Infrastructure Planning, Management & Regulation
- Warehousing & Distribution Center Operations

**Ten Transportation, Distribution & Logistics Careers to Consider:**
- Aircraft Mechanic and Service Technician
- Automotive Body and Related Repairer
- Automotive Technician and Mechanic
- Commercial Pilot
- Diesel Engine Mechanic
- Transportation, Storage and Distribution Manager
- Logistician
- Manager of Transportation Operators
- Mobile Heavy Equipment Mechanic
- Transportation Inspector
COLLEGIATE ATHLETICS

NAIA

What is the NAIA Eligibility Center?

Every student who plays in the NAIA for the first time must have their eligibility determined through the NAIA Eligibility Center. Go to http://www.playnaia.org for more information and to register.

To be eligible a high school student must meet 2 out of 3 of these criteria:

- Receive a minimum of an 18 on ACT or 860 on the SAT
- Achieve a 2.0 overall high school GPA
- Be in the top 50% of HS graduating class
- Note: Students with diagnosed learning disabilities, who do not meet the freshman eligibility requirements, may have their academic profiles reviewed by the NAIA.

How does the NAIA Eligibility Center receive my ACT or SAT scores?

*When you register for the ACT or SAT include the NAIA code 9876 on the list of places test scores should be sent. Test scores must be received directly to be accepted.*

What are the costs?

Registration costs approximately $65. The registration fee will be waived for students with demonstrated need. If you received a fee waiver for the ACT or SAT test, think you might be eligible for it and/or qualify for the federal free or reduced-cost lunch program, contact one of the CHS counselors for assistance.

Early decisions for high school seniors

Students, who have completed their junior year of high school and have at least a 3.0 GPA on a 4.0 scale and the minimum test scores required (18 ACT or 860 SAT), may obtain an eligibility determination before graduating from high school. Those students will need to request that their official transcripts after their junior year be sent to the NAIA Eligibility and contact ACT or SAT to have their test scores sent directly.

Ultimately, the individual student-athlete is responsible for achieving and protecting his or her eligibility status.
What is the NCAA Eligibility Center?

Checklist for College-Bound Student-Athletes:

- You may register at any time, but it’s suggested that you register during your junior year at www.eligibilitycenter.org.
- Request that your transcript be sent to the NCAA Eligibility Center.
- Take the ACT or SAT and use the code 9999 to have your official scores sent directly to the NCAA Eligibility Center.
- Check with your high school counselor to make sure you are on track to graduation time with your class and have the required amount of core courses.
- Request final amateurism certification during your senior year.
- Submit a request to have your final transcript and proof of graduation sent to NCAA.

Other Important information:

- Review the Quick Reference Sheet found on the next two pages.
- Your registration fee will be approximately $75. You are eligible for a waiver of the registration fee only if you have already received a waiver of the SAT or ACT fee. If you think you might qualify for this waiver and/or have free or reduced-cost lunches, contact one of the CHS counselors for more information.
- A student with an education-impacting disability must meet the same requirements as all other students, but may be provided certain accommodations to help meet those requirements.
- Classes taken in Aberdeen Central High School’s ILC will not meet the requirements of the NCAA Clearinghouse for Division I or Division II colleges.
- Classes offered at CHS labeled as a “Basic” level class will not meet NCAA requirements.

Ultimately, the individual student-athlete is responsible for achieving and protecting his or her eligibility status.
Divisions I and II Initial-Eligibility Requirements

Core Courses

- NCAA Division I requires 16 core courses. NCAA Division II currently requires 14 core courses. Division II will require 16 core courses for students enrolling on or after August 1, 2013. See the charts below.
- NCAA Division I will require 10 core courses to be completed prior to the seventh semester (seven of the 10 must be a combination of English, math or natural or physical science that meet the distribution requirements below). These 10 courses become “locked in” at the seventh semester and cannot be retaken for grade improvement.
  - Beginning August 1, 2016, it will be possible for a Division I college-bound student-athlete to still receive athletics aid and the ability to practice with the team if he or she fails to meet the 10 course requirement, but would not be able to compete.

Test Scores

- Division I uses a sliding scale to match test scores and core grade-point averages (GPA). The sliding scale for those requirements is shown on Page No. 2 of this sheet.
- Division II requires a minimum SAT score of 820 or an ACT sum score of 68.
- The SAT score used for NCAA purposes includes only the critical reading and math sections. The writing section of the SAT is not used.
- The ACT score used for NCAA purposes is a sum of the following four sections: English, mathematics, reading and science.
- When you register for the SAT or ACT, use the NCAA Eligibility Center code of 9999 to ensure all SAT and ACT scores are reported directly to the NCAA Eligibility Center from the testing agency. Test scores that appear on transcripts will not be used.

Grade-Point Average

- Be sure to look at your high school’s List of NCAA Courses on the NCAA Eligibility Center’s website (www.eligibilitycenter.org). Only courses that appear on your school’s List of NCAA Courses will be used in the calculation of the core GPA. Use the list as a guide.
- Division I students enrolling full time before August 1, 2016, should use Sliding Scale A to determine eligibility to receive athletics aid, practice and competition during the first year.
- Division I GPA required to receive athletics aid and practice on or after August 1, 2016, is 2.000 (corresponding test-score requirements are listed on Sliding Scale B on Page No. 2 of this sheet).
- Division I GPA required to be eligible for competition on or after August 1, 2016, is 2.500 (corresponding test-score requirements are listed on Sliding Scale B on Page No. 2 of this sheet).
- The Division II core GPA requirement is a minimum of 2.000.
- Remember, the NCAA GPA is calculated using NCAA core courses only.

<table>
<thead>
<tr>
<th>DIVISION I 16 Core Courses</th>
<th>DIVISION II 14 Core Courses</th>
<th>DIVISION II 16 Core Courses (2013 and After)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 years of English.</td>
<td>3 years of English.</td>
<td>3 years of English.</td>
</tr>
<tr>
<td>3 years of mathematics (Algebra I or higher).</td>
<td>2 years of mathematics (Algebra I or higher).</td>
<td>2 years of mathematics (Algebra I or higher).</td>
</tr>
<tr>
<td>2 years of natural/physical science (1 year of lab if offered by high school).</td>
<td>2 years of natural/physical science (1 year of lab if offered by high school).</td>
<td>2 years of natural/physical science (1 year of lab if offered by high school).</td>
</tr>
<tr>
<td>1 year of additional English, mathematics or natural/physical science.</td>
<td>2 years of additional English, mathematics or natural/physical science.</td>
<td>3 years of additional English, mathematics or natural/physical science.</td>
</tr>
<tr>
<td>2 years of social science.</td>
<td>2 years of social science.</td>
<td>2 years of social science.</td>
</tr>
<tr>
<td>4 years of additional courses (from any area above, foreign language or comparative religion/philosophy).</td>
<td>3 years of additional courses (from any area above, foreign language or comparative religion/philosophy).</td>
<td>2 years of additional courses (from any area above, foreign language or comparative religion/philosophy).</td>
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## Sliding Scale A
### Use for Division I prior to August 1, 2016

<table>
<thead>
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<th>SAT for Aid and Practice</th>
<th>ACT for Aid and Practice</th>
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<tbody>
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<td>3.550 &amp; above</td>
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For more information, visit the NCAA Eligibility Center website at [www.eligibilitycenter.org](http://www.eligibilitycenter.org).

## Sliding Scale B
### Use for Division I beginning August 1, 2016

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## Quick List of CHS Courses

### Art Courses

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<tr>
<th>Course</th>
<th>Terms</th>
<th>Credit</th>
<th>Open to:</th>
<th>Pre-requisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intro to Art 1 - Elements of Design</td>
<td>1</td>
<td>0.50</td>
<td>9, 10, 11, 12</td>
<td></td>
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<tr>
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<tr>
<td>Advanced Art A &amp; B</td>
<td>2</td>
<td>1.00</td>
<td>10, 11, 12</td>
<td>Intro to Art w/&quot;C&quot; or above</td>
</tr>
<tr>
<td>Drawing</td>
<td>1</td>
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<tr>
<td>H Studio Art A &amp; B</td>
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<td>1.00</td>
<td>10, 11, 12</td>
<td>Intro to Art &amp; 1 Art elective</td>
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<tr>
<td>Pottery A &amp; B</td>
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<td>1.00</td>
<td>11, 12</td>
<td>Intro to Art w/&quot;C&quot; or above</td>
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### Business Courses

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<th>Open to:</th>
<th>Pre-requisite</th>
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<tr>
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<td>10, 11, 12</td>
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<td>Business &amp; Personal Law</td>
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<td>Sport &amp; Entertainment Marketing</td>
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<td>Entrepreneur A &amp; B</td>
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### Computer Courses

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<tr>
<td>Computer Animation &amp; Design</td>
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### FACS Courses

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<th>Course</th>
<th>Terms</th>
<th>Credit</th>
<th>Open to:</th>
<th>Pre-requisite</th>
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<tbody>
<tr>
<td>Intro to Foods (previously Basic Foods)</td>
<td>1</td>
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<tr>
<td>Housing/Int Des</td>
<td>1</td>
<td>0.50</td>
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<tr>
<td>Intro to Sewing (previously Basic Sewing)</td>
<td>1</td>
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<tr>
<td>Intermediate Sewing</td>
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<tr>
<td>Personal Development</td>
<td>1</td>
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<tr>
<td>Child Development - Parenting</td>
<td>1</td>
<td>0.50</td>
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<tr>
<td>Foods of the World</td>
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<td>0.50</td>
<td>10, 11, 12</td>
<td>Intro to Foods</td>
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<tr>
<td>Advanced Foods</td>
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<td>Intro to Foods</td>
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<td>1</td>
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<td>Intro to Sewing</td>
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<tr>
<td>Fitness for Life</td>
<td>1</td>
<td>0.50</td>
<td>10, 11, 12</td>
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<tr>
<td>Family Living</td>
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<td>0.50</td>
<td>11, 12</td>
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<tr>
<td>Child Development - Preschool</td>
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<tr>
<td>Independent Living</td>
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### Fine Arts Courses

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<tbody>
<tr>
<td>Theatre 1 (composition)</td>
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<tr>
<td>Theatre 2 (acting)</td>
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<tr>
<td>Intro to Musical Theatre</td>
<td>1</td>
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<tr>
<td>Oral Interpretation</td>
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<td>0.50</td>
<td>9, 10, 11, 12</td>
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<tr>
<td>Adv Oral Interpretation</td>
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<td>0.50</td>
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<td>Oral Interpretation</td>
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<td>Creative Writing</td>
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<td>Stagecraft</td>
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<tr>
<td>Black/White Photography</td>
<td>1</td>
<td>0.50</td>
<td>11, 12</td>
<td>Intro to Art 1 &amp; 2 w/&quot;C&quot; or above</td>
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<tr>
<td>Adv Photography</td>
<td>1</td>
<td>0.50</td>
<td>11, 12</td>
<td>Intro to Art 1 &amp; 2, BW Photography</td>
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</table>
### Foreign Language Courses

<table>
<thead>
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<tbody>
<tr>
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<td>2</td>
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<tr>
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<tr>
<td>Spanish 1 A &amp; B</td>
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<tr>
<td>Spanish 2 A &amp; B</td>
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<tr>
<td>H French 3 A &amp; B</td>
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<td>1.00</td>
<td>10, 11, 12</td>
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<tr>
<td>H French 4 A &amp; B</td>
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<tr>
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<td></td>
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<td>Pre-requisite</td>
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<td>Spanish 1</td>
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### Humanities Courses

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<tbody>
<tr>
<td>Humanities A &amp; B</td>
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### Internship Courses

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<td>Internship 1</td>
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<td>12</td>
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</tr>
<tr>
<td>Internship 2</td>
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### Language Arts Courses

<table>
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<tr>
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<tr>
<td>Speech 9</td>
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<td>Speech</td>
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<td>9, 10, 11, 12</td>
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<tr>
<td>must have failed Speech 9</td>
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<tr>
<td>Debate 1 A &amp; B (w/US Democracy)</td>
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<td>9, 10</td>
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<tr>
<td>Literary Genres A &amp; B</td>
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<tr>
<td>AP Lang &amp; Comp A &amp; B (w/ AP US Hist.)</td>
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<tr>
<td>US Lit &amp; Comp A &amp; B</td>
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<tr>
<td>H US Lit &amp; Comp A &amp; B</td>
<td>2</td>
<td>1.00</td>
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<tr>
<td>British Lit A &amp; B</td>
<td>2</td>
<td>1.00</td>
<td>12</td>
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<td>Journalism 2 A &amp; B</td>
<td>2</td>
<td>1.00</td>
<td>12</td>
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<tr>
<td>H British Lit A &amp; B</td>
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<td>1.00</td>
<td>12</td>
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<td>Film Studies</td>
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<tr>
<td>H Advanced Debate</td>
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<td>0.50</td>
<td>10, 11, 12</td>
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<tr>
<td>Journalism 1 A &amp; B</td>
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### Mathematics Courses

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<tr>
<td>Algebra 1</td>
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<td>9, 10, 11, 12</td>
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<td>Algebra 1 A &amp; B</td>
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<td>Math 2</td>
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<tr>
<td>Geometry</td>
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<td>Geometry A &amp; B</td>
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<tr>
<td>H Geometry A &amp; B</td>
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<td>Algebra 2 A &amp; B</td>
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<tr>
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<td>Mathematical Models A &amp; B</td>
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<tr>
<td><strong>Music Courses</strong></td>
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<td>Credit</td>
<td>Open to:</td>
<td>Pre-requisite</td>
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<tr>
<td>------------------</td>
<td>-------</td>
<td>--------</td>
<td>----------</td>
<td>--------------</td>
</tr>
<tr>
<td>Eagle Band</td>
<td>9</td>
<td></td>
<td></td>
<td>proficient on instrument or 2 yrs experience</td>
</tr>
<tr>
<td>Concert Band</td>
<td>10, 11, 12</td>
<td></td>
<td></td>
<td>two years previous training</td>
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<tr>
<td>H Symphonic Band</td>
<td>11, 12</td>
<td></td>
<td></td>
<td>two years previous training</td>
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<tr>
<td>Eagle Choir</td>
<td>9</td>
<td></td>
<td></td>
<td>strong interest in singing</td>
</tr>
<tr>
<td>Concert Choir</td>
<td>10, 11, 12</td>
<td></td>
<td></td>
<td>strong interest in singing</td>
</tr>
<tr>
<td>H Acappella</td>
<td>11, 12</td>
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<td>successful audition</td>
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<tr>
<td>Eagle Orchestra</td>
<td>9</td>
<td></td>
<td></td>
<td>middle school orch or private lessons</td>
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<tr>
<td>Concert Orchestra</td>
<td>10, 11, 12</td>
<td></td>
<td></td>
<td>Eagle orch or private lessons</td>
</tr>
<tr>
<td>H Symphony Orchestra</td>
<td>11, 12</td>
<td></td>
<td></td>
<td>successful audition plus min of 1yr HS exper.</td>
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<td>Color Guard</td>
<td>9, 10, 11, 12</td>
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<td></td>
<td>by audition only</td>
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<td>Music Theory &amp; History</td>
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<table>
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<tr>
<th><strong>PE / Health Courses</strong></th>
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<th>Credit</th>
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<th>Pre-requisite</th>
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<tbody>
<tr>
<td>Health 1-First aid</td>
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<tr>
<td>Health 2-Wellness</td>
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<tr>
<td>Weight Training</td>
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<td>0.50</td>
<td>9, 10, 11, 12</td>
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</tr>
<tr>
<td>Aerobics</td>
<td>1</td>
<td>0.50</td>
<td>9, 10, 11, 12</td>
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<tr>
<td>Lifetime Sports</td>
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<td>9, 10, 11, 12</td>
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<tr>
<td>Net Sports</td>
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<td>0.50</td>
<td>9, 10, 11, 12</td>
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<tr>
<td>Team Sports</td>
<td>1</td>
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<tr>
<td>Walk-a-cise</td>
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<td>0.50</td>
<td>9, 10, 11, 12</td>
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<tr>
<td>Rec Sports</td>
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<td>9, 10, 11, 12</td>
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<tr>
<td>Adv Weight Training</td>
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<td>0.50</td>
<td>10, 11, 12</td>
<td>Weight Training</td>
</tr>
<tr>
<td>Adv Aerobics</td>
<td>1</td>
<td>0.50</td>
<td>9, 10, 11, 12</td>
<td>Aerobics</td>
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<tr>
<td>Fitness for Life</td>
<td>1</td>
<td>0.50</td>
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<table>
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<tr>
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<th>Credit</th>
<th>Open to:</th>
<th>Pre-requisite</th>
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<tbody>
<tr>
<td>Phys Science A &amp; B</td>
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<td>9, 10, 11, 12</td>
<td>Math 1</td>
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<tr>
<td>Biology A &amp; B</td>
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<td>10, 11, 12</td>
<td>Physical Science</td>
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<tr>
<td>Chemistry in the Community A &amp; B</td>
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<td>1.00</td>
<td>10, 11, 12</td>
<td>Physical Science &amp; Algebra 1</td>
</tr>
<tr>
<td>Astronomy</td>
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<td>0.50</td>
<td>10, 11, 12</td>
<td>Physical Science</td>
</tr>
<tr>
<td>Geology</td>
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<td>0.50</td>
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<td>Physical Science</td>
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<tr>
<td>Atmospheric Studies</td>
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<td>10, 11, 12</td>
<td>Physical Science</td>
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<td>1.00</td>
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<td>Physical Science &amp; Algebra 1</td>
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<td>H Physics A &amp; B</td>
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<td>1.00</td>
<td>10, 11, 12</td>
<td>Phy Sci, Alg 1, Geom, Alg 2</td>
</tr>
<tr>
<td>AP Biology A &amp; B</td>
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<td>10, 11, 12</td>
<td>Phy Sci, Alg 1, Biology, H Chem, Alg 2</td>
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<tr>
<td>H Scientific Research</td>
<td>1 or 2</td>
<td>0.5 / 1.0</td>
<td>11, 12</td>
<td>Phy Sci, Alg 1, H Chem</td>
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<tr>
<td>H Physiology/Anat A &amp; B</td>
<td>2</td>
<td>1.00</td>
<td>11, 12</td>
<td>Phy Sci, Alg 1, Biology, H Chem</td>
</tr>
<tr>
<td>AP Chemistry A &amp; B</td>
<td>4</td>
<td>2.00</td>
<td>11, 12</td>
<td>Phy Sci, Alg 1, Biology, Alg 2, H Chem recom.</td>
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### Social Studies Courses

<table>
<thead>
<tr>
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<th>Pre-requisite</th>
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<tbody>
<tr>
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<td>9</td>
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<tr>
<td>US Government</td>
<td>1</td>
<td>0.50</td>
<td>9</td>
<td></td>
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<tr>
<td>US Democracy A &amp; B (w/Debate)</td>
<td>2</td>
<td>0.50</td>
<td>9, 10</td>
<td>3.0 GPA or above</td>
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<td>US History A &amp; B</td>
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<td>1.00</td>
<td>10</td>
<td>World Geography &amp; US Government</td>
</tr>
<tr>
<td>AP US Hist. A &amp; B (w/ AP Lang &amp; Comp)</td>
<td>4</td>
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<td>10, 11, 12</td>
<td>US History w/3.25 GPA</td>
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<td>World Geo, US Gov, US Hist, World Hist</td>
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<td>World Geo, US Gov, US Hist</td>
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<td>0.50</td>
<td>11</td>
<td>World Geo, US Gov, US Hist, World Hist</td>
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### Hub Area Tech Courses

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</table>
## Business Courses

### Introduction to Business
- **Course Title:** Introduction to Business
- **Credit:** .5
- **Level:** G
- **Grade:** 9, 10, 11, 12
- **Prerequisites:** None
- **Course Description:** The purpose of Introduction to Business is to provide students with a brief overview of several business-related areas which may include the economy, financial management, credit, risk management, business management and consumerism.

### Computer Applications
- **Course Title:** Computer Applications
- **Credit:** 1.0
- **Level:** G
- **Grade:** 9, 10, 11, 12
- **Prerequisites:** None
- **Course Description:** Computer Applications is designed to further improve students' computer skills through the use of various software and integrated application packages. Specific areas to be addressed include word processing, spreadsheet, database, graphics, finance, and web page design. The internet is used when appropriate to enhance the learning process.

### Computer Applications 2
- **Course Title:** Computer Applications 2
- **Credit:** .5
- **Level:** G
- **Grade:** 10, 11, 12
- **Prerequisites:** Successful completion of Computer Applications
- **Course Description:** Continue to investigate multiple facets of software that may include but is not limited to: Publisher, Excel (pivot tables, macros, and drop-down menus), Access, Word, PowerPoint, Dreamweaver, and various online software applications such as Google docs. You will learn the 8 basic computer components. You will also learn their functions, how to install them and how to selectively purchase them.

### Personal Finance
- **Course Title:** Personal Finance
- **Credit:** .5
- **Level:** G
- **Grade:** 10, 11, 12
- **Prerequisites:** None
- **Course Description:** Personal Finance stresses ways to arrive at solutions to your financial concerns or problems. It should help students take advantage of their learning years to become financially independent. The course includes coordinated plans for the achievement of overall personal financial objectives. Topics may include: savings and investing, taxes, credit, housing alternatives, car ownership, food, clothing, recreation, insurance, budgeting, and rights and responsibilities of consumers. Personal Finance fulfills the Economics requirement for graduation.

### Web Page Design
- **Course Title:** Web Page Design
- **Credit:** .5
- **Level:** G
- **Grade:** 10, 11, 12
- **Prerequisites:** Successful completion of Computer Applications
- **Course Description:** Students will learn how to create professional websites using Dreamweaver 8 which is known as the industry standard for website development. This web design class is designed to introduce the new user to the interface, concepts, and techniques of visual web design using Dreamweaver 8. Students go from start to finish, creating and maintaining basic websites to advanced applications and the latest technologies. Students will learn the proper procedures for creating websites for professional and personal use, along with creating image maps, navigation bars, Flash animation, and managing web code.

### Computer Programming 1
- **Course Title:** Computer Programming 1
- **Credit:** .5
- **Level:** G
- **Grade:** 10, 11, 12
- **Prerequisites:** None (Keyboarding skills are very helpful)
- **Course Description:** The student will learn the high-level programming language of Visual Basic and C++ with their wide variety of applications. Each student will be given as much hands-on experience as possible, and will explore forms, properties, and code and develop an understanding of the logical processes of problem solving.
<table>
<thead>
<tr>
<th>Course Title</th>
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<tr>
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<td>.5</td>
<td>G</td>
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<tr>
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<td>1.0</td>
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<td><strong>Personal &amp; Business Law</strong></td>
<td>.5</td>
<td>G</td>
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<tr>
<td><strong>Sport and Entertainment Marketing</strong></td>
<td>.5</td>
<td>G</td>
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<tr>
<td><strong>Entrepreneurship</strong></td>
<td>1.0</td>
<td>G</td>
<td>11, 12</td>
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</table>

**Course Title: Computer Animation & Design**

**Credit:** .5  
**Level:** G  
**Grade:** 10, 11, 12  
**Course Description:** Students will be introduced to Adobe Flash as a development tool that allows you to create compelling interactive experiences, by using animation. Flash is a tool for creating complex animations for the Web, and is also and excellent drawing tool for creating interactive controls. In addition students will learn to use Fireworks which is a graphics program specifically for the Web. Fireworks can create, edit, and add animation and JavaScript-enabled interactivity.

**Course Title: Accounting 1**

**Credit:** 1.0  
**Level:** G  
**Grade:** 10, 11, 12  
**Prerequisites:** None  
**Course Description:** Accounting moves from the start of financial record keeping through the accounting cycle. Students will work with journals, payrolls, tax tables, work sheets, financial statements, ledgers, checkbooks and financial information analysis. Accounting 1 should be used as a stepping-stone for further accounting classes at both the high school and post-high school levels. Accounting 1 is strongly recommended for anyone interested in pursuing any kind of career in business.

**Course Title: Honors Accounting 2**

**Credit:** 1.0  
**Level:** H  
**Grade:** 10, 11, 12  
**Prerequisites:** Accounting 1  
**Course Description:** To be able to do well in this course, the student must have a very good understanding of the basic concepts taught in Accounting 1. Partnership, corporate, and cost accounting are taught in H Accounting 2. H Accounting 2 will help to form a better, stronger foundation of accounting principles for students who plan to continue studying accounting in post secondary schools.

**Course Title: Personal & Business Law**

**Credit:** .5  
**Level:** G  
**Grade:** 10, 11, 12  
**Prerequisites:** None  
**Course Description:** Personal and Business Law is a practical course designed for everyone. It deals with day-to-day situations in the juvenile and adult worlds. Areas stressed include: your rights, the Courts, criminal and civil law, prisons, contract law, insurance, bankruptcy, real property, marriage and divorce, and wills. Past tours have included: observing a court proceeding, touring the Brown County Jail and Juvenile Detention Center. Past speakers have included: police officers, detectives, probation officers, judges, Department of Corrections' officers, attorneys, and game wardens. Field trips and speakers are based on scheduling and availability.

**Course Title: Sport and Entertainment Marketing**

**Credit:** .5  
**Level:** G  
**Grade:** 10, 11, 12  
**Prerequisites:** None  
**Course Description:** Students will be introduced to Sports Marketing which is an industry where job growth is projected to increase faster than the average of all other occupations. Sport-related businesses will continue to experience dynamic growth and are a multi-billion dollar enterprise, which ranks it among the top fifteen industries in the nation. This marketing course is designed for students to develop skills in the areas of facility design, merchandising, advertising, public relations/publicity, event marketing, sponsoring, ticket distribution, and career opportunities as they relate to the sports and entertainment industry.

**Course Title: Entrepreneurship**

**Credit:** 1.0  
**Level:** G  
**Grade:** 11, 12  
**Prerequisites:** None  
**Course Description:** The main purpose of this class is to learn how to successfully begin and run a business by learning the appropriate concepts and procedures. The concepts include feasibility studies/business plan/marketing analysis, insurance and legal responsibilities, financing the business, site selection, personnel management, inventory selection and management, financial management/pricing strategies, promotional strategies, record keeping, organizing a budget, ethical issues in business, and experience in hands-on business operations. We will explore the role of business in the future and tactics of managing personnel, consumer markets, promotional selling, and advertising. This class will start up and operate a school store. Entrepreneurship meets Capstone requirements.
**INTERNSHIP**

**Course Title:** Internship 1 / Internship 2  
Credit: .5  
Level: G  
Grade: 12  
Prerequisites: None  

Course Description: This course is designed for senior students who wish to job shadow an occupation for nine weeks (or two occupations for 18 weeks). Students will find their own supervisor and write up their own contract for the internship. Each student will also keep a daily journal for attendance purposes and document what they did each day. The goal is to explore possible career opportunities and to get a better understanding of that career. Students will be required to complete a portfolio. Internship meets Capstone requirements.

**FAMILY & CONSUMER SCIENCE COURSES**

**Course Title:** Intro to Foods (previously Basic Foods)  
Credit: .5  
Level: G  
Grade: 9, 10, 11, 12  
Prerequisites: None  

Course Description: This course is designed for students who want basic information about nutrition, meal planning, food and meal preparation, and consumerism. Topics include eggs, casseroles, grains, pasta and rice, fruits and vegetables, meats and poultry, quick and yeast breads, milk and cheese, soups, and safety and sanitation. This course was previously called “Basic Foods” and double credit will not be given. There will be a $10.00 lab fee for this course.

**Course Title:** Housing/Interior Design  
Credit: .5  
Level: G  
Grade: 9, 10, 11, 12  
Prerequisites: None  

Course Description: This course will provide students with the opportunity to explore the history and styles of housing design, draw floor plans, read blueprints, apply the elements and principles of design in room arrangements, and compare renting and buying a home.

**Course Title:** Intro to Sewing (previously Basic Sewing)  
Credit: .5  
Level: G  
Grade: 9, 10, 11, 12  
Prerequisites: None  

Course Description: This course is designed for students who want to expand their sewing skills. The students will become confident in the operation and care of the sewing machine and learn various construction techniques. During the class students will complete individual quilts. This course was previously called Basic Sewing and double credit will not be given.

**Course Title:** Intermediate Sewing  
Credit: .5  
Level: G  
Grade: 9, 10, 11, 12  
Prerequisites: Intro to Sewing is recommended  

Course Description: This course will build on the skills learned in Basic Sewing. Students will expand their quilting techniques and construct a quilt. This course will be offered in the 2013-14 school year.

**Course Title:** Fashion  
Credit: .5  
Level: G  
Grade: 9, 10, 11, 12  
Prerequisites: None  

Course Description: Topics of discussion may include clothing and human behavior, skin and hair care, fabric characteristics and care, principles of design, color, body form analysis, wardrobe needs, fads, labeling, current trends, ready to wear, and personal clothing budget. This course will give the students an opportunity to realize the factors that influence one’s decisions in clothing selection, and careers in clothing and fashion.
Course Title: Personal Development
Credit: .5     Level: G     Grade: 9, 10, 11, 12
Prerequisites: None
Course Description: This class involves the study of personality development, interpersonal relationships, decision making, management, communications, values clarification, goals, self concept, peer pressure, sexuality, crisis, date rape, stress, depression, suicide, social issues, domestic violence, drugs, alcohol, STDs and death.

Course Title: Child Development / Parenting
Credit: .5     Level: G     Grade: 9, 10, 11, 12
Prerequisites: None
Course Description: This class will discuss rewards and responsibilities of parenthood, guidance and discipline, and teen pregnancy. It will focus on the social, physical, emotional and intellectual development of a child from prenatal through age 3.

Course Title: Foods of the World
Credit: .5     Level: G     Grade: 10, 11, 12
Prerequisites: Basic Foods
Course Description: Foods of the World is designed for students interested in customs and food practices of other countries. Those countries may include France, Germany, Oriental countries, Scandinavian countries, Italy, Mexico, and others as interest arises. Advanced food preparation skills will be practiced. There will be a $10.00 lab fee for this course.

Course Title: Advanced Foods
Credit: .5     Level: G     Grade: 10, 11, 12
Prerequisites: Basic Foods
Course Description: This course will build upon information from Basic Foods. The topics include meal planning, meal management, gourmet cooking, cake decorating, candy making, desserts, pastries, appetizers, sweet rolls and food preservation. There will be a $10.00 lab fee for this course.

Course Title: Fitness for Life
Credit: .5     Level: G     Grade: 10, 11, 12
Prerequisites: None
Course Description: The purpose of this course is to acquaint students with the basic knowledge, understanding, and values of nutrition and physical activity relating to a healthy lifestyle. Students will assess and work toward achieving personal fitness and knowledge of healthy diets. A variety of workouts will be presented. This is an interdisciplinary class taught by family and consumer science and physical education staff. Labs will be conducted in the FACS department and in the PE department. There will be a $5.00 lab fee for this course.

Course Title: Advanced Sewing
Credit: .5     Level: G     Grade: 10, 11, 12
Prerequisites: Basic Sewing (Intermediate Sewing is recommended but not required.)
Course Description: This class is designed for students to have an opportunity to build sewing skills. Possible projects include quilting, garment construction, crafts, and interior design projects. This course will be offered in the 2014-15 school year.

Course Title: Child Development / Preschool
Credit: .5     Level: G     Grade: 11, 12
Prerequisites: None
Course Description: This course studies growth and development of children ages 3-6 years. Students will develop an understanding of preschool children through observation, visiting childcare and preschool programs in the community, and teaching in a preschool setting.

Course Title: Family Living
Credit: .5     Level: G     Grade: 11, 12
Prerequisites: None
Course Description: This class will discuss relationships, human sexuality, marriage adjustments, family and society, family and work, crises in the family, abusive relationships, divorce and the family life cycle. The Real Care Baby Simulation is a requirement in the course.
Course Title: **Independent Living**  
Credit: .5  
Level: G  
Grade: 11, 12  
Prerequisites: None  
Course Description: This course is designed for students who wish to broaden their knowledge of the consumer and management skills necessary for independent living. These include personal decision making, resource management, transportation, insurance, credit, clothing maintenance, finding a place to live and job seeking strategies.

### FINE ARTS COURSES

**ART**

**Course Title:** Intro to Art 1 – Elements of Design  
Credit: .5  
Level: G  
Grade: 9, 10, 11, 12  
Prerequisites: None  
Course Description: This class is a prerequisite to all other visual arts courses. This 9 week course is an introduction to the elements of design. Students will learn how to utilize Line, Shape, Value, Color, Texture, Form, and Space to create successful visual images through sketchbook studies and fully developed in class projects. Students will be expected to furnish some of their own art supplies. This 9 week course will fulfill ½ of the Fine Art Credit required for graduation.

**Course Title:** Intro to Art 2 – Principles of Design  
Credit: .5  
Level: G  
Grade: 9, 10, 11, 12  
Prerequisites: Intro to Art 1 – Elements of Design  
Course Description: This class is a prerequisite to all other visual arts courses (except for Intro to Art A) This 9 week course is an introduction to the principles of design. Students will build on knowledge and skills gained in Intro to Art A. Students will learn how to combine the elements of design to create successful visual images that contain the Principles of Design (Unity, Variety, Rhythm, Movement, Emphasis, Pattern, and Balance). Students will be expected to furnish some of their own art supplies. This 9 week course will fulfill ½ of the Fine Art Credit required for graduation.

**Course Title:** Advanced Art  
Credit: 1.0  
Level: G  
Grade: 10, 11, 12  
Prerequisites: Introduction to Art 1 & 2 w/C or above  
Course Description: Advanced Art is an 18 week course that will build on the elements and principles of design, artists, and art movements explored in Introduction to Art. Students will improve their skills using advanced techniques in drawing, painting, printmaking, and sculpture. Students will explore and add relief and sculptural qualities to their work. Emphasis will be placed on developing individual artistic styles and improving artistic skills. Students will be expected to furnish some of their own supplies. There will be a $10.00 lab fee for this course to cover the costs of professional grade papers.

**Course Title:** Drawing  
Credit: .5  
Level: G  
Grade: 10, 11, 12  
Prerequisites: Introduction to Art 1 & 2 & Advanced Art recommended  
Course Description: This 9 week course is intended to strengthen and improve basic drawing techniques. Students will be exposed to a variety of artist styles and techniques to incorporate in their own work. Students will explore realistic and semi-realistic drawing of landscape, architecture, portraits, figures and objects, using a variety of tools and techniques. Students may be expected to furnish some of their own supplies. There will be a $10.00 lab fee for this course to cover the costs of professional grade papers.

**Course Title:** Painting  
Credit: .5  
Level: G  
Grade: 10, 11, 12  
Prerequisites: Introduction to Art 1 & 2 & Advanced Art recommended  
Course Description: This 9 week course is designed to strengthen and improve various painting techniques. Artist styles and techniques are shown to students to use in their development of paintings. Students will work with representational, abstract, and non-objective subjects using watercolor, acrylics, oils and more. Students will be expected to furnish some of their own supplies. There will be a $10.00 lab fee for this course to cover the costs of oil paint.
Course Title: **Honors Studio Art**
Credit: 1.0  
Level: H  
Grade: 10, 11, 12  
Prerequisites: Introduction to Art 1 & 2 plus 1 additional credit of Art Elective w/B or above  
Course Description: This course is an individual studio art class. Units will be introduced and students will produce artwork based on individual choices of subject matter and style. Students will be expected to keep a daily journal on progress of their artwork. Other areas of study will include portfolio development and scholarship presentation. Students will plan, advertise, and have a final exhibit of their artwork. Students will be expected to furnish some of their own supplies. There will be a $10.00 lab fee for this course.

Course Title: **Computer Graphics**
Credit: .5  
Level: G  
Grade: 10, 11, 12  
Prerequisites: Introduction to Art 1 & 2 w/C or above  
Course Description: This 9 week course is truly the canvas for the new millennium! The class will introduce the world of art in advertising and graphic design. Adobe Photoshop is explored in depth. Basic computer skills are required. Students can imagine themselves as current advertisers composing images for a local business. Projects will have strict deadlines and students are expected to work outside of class to meet deadlines. The issues of copyright and careers will also be discussed. Students will create digital portfolios that will be burned to a CD. Photography skills are helpful, but not required.

Course Title: **Printmaking**
Credit: .5  
Level: G  
Grade: 10, 11, 12  
Prerequisites: Introduction to Art 1 & 2 and Advanced Art recommended  
Course Description: This 9 week visual art class will concentrate on the art of making multiple prints from one plate or inking surface. Students will create a series of prints from one master plate using relief, intaglio, planography and serigraphy methods of printmaking. Students will use a variety of materials to create their plates (inking surface) such as linoleum, wood, plastic, cardboard, silkscreen, and found objects. Students will also study the history of Printmaking from the Renaissance Era through modern times. Students will be expected to furnish some of their own supplies and a $10.00 lab fee will cover the good quality printing papers and inks.

Course Title: **Pottery**
Credit: 1.0  
Level: G  
Grade: 11, 12  
Prerequisites: Introduction to Art 1 & 2 w/C or above  
Course Description: This 18 week course will explore all facets of clay work from construction to glazing. The first term will concentrate on clay construction using both functional and non-functional styles of clay work. Students will produce assignments using hand-built (pinch, coil, slab, and sculptural) and wheel-thrown construction methods. Students will learn about clay properties, the six stages of clay, and the firing process for greenware. During the second term, students will explore surface decoration through glazing techniques and non-fired surface decoration techniques. Students will also learn how to load, unload and fire an electric kiln. Students will keep a written journal on all assignments. Students will be expected to furnish some of their own supplies. There will be a $10.00 lab fee for this course to cover the costs of glazes.

Course Title: **Sculpture**
Credit: .5  
Level: G  
Grade: 10, 11, 12  
Prerequisites: Introduction to Art 1 & 2 and Advanced Art recommended  
Course Description: This 9 week course is designed to introduce and explore concepts of additive, subtractive, assemblage, and relief sculpture. Art history reference will be emphasized. Students will work with representational, abstract, and non-objective subject matter utilizing clay and other natural materials, in addition to found objects. Students will be expected to furnish some of their own supplies in addition to the $10.00 lab fee to cover the cost of sculpture materials.
ORAL INTERPRETATION

Course Title: Oral Interpretation
Credit: Fine Arts .5 or .5 Speech
Prerequisites: None
Level: G
Grade: 9, 10, 11, 12
Course Description: This course is the entry-level oral interpretation course open to all grades. It introduces students to the fundamental principles of oral interpretation. Topics included: understanding the art of oral interpretation; creating or finding appropriate cuttings of literature; writing appropriate introductions; understanding the full range of vocal and physical skills needed to make presentations enjoyable; exhibiting good personal communication and audience member skills; appreciating the skills and performance of others; and learning to accept constructive criticism. Participation in two co-curricular oral interpretation competitions is required to receive a grade above a “D”.

Course Title: Honors Advanced Oral Interpretation
Credit: Fine Arts .5
Level: H
Grade: 10, 11, 12
Prerequisites: Oral Interpretation or Debate
Course Description: This course is the follow-up to the general oral interpretation course. This course will build off of topics discussed in oral interpretation as well as spend in-depth time on the following subjects: locating appropriate, quality pieces of literature for presentation and competition; cutting literature to fit limitations imposed by competition; analyzing the thematic elements of the selection; profiling characters through detailed analyses; utilizing a full range of vocal and physical skills to best present a character; exhibiting strong personal communication attributes such as confidence, poise, and rapport with an audience; exhibiting audience member skills such as attentiveness, courtesy, and appreciation; gaining an appreciation of the art and craft of oral interpretation; accepting constructive criticism in a positive manner; and developing an appreciation of the lifetime skills gained through oral interpretation.

Participation in extra-curricular oral interpretation competitions and individual lessons are a requirement for this course. Satisfactory completion of Oral Interpretation with a grade of “C” or better is strongly encouraged. NOTE: This class may be taken multiple times throughout a high school career.

PHOTOGRAPHY

Course Title: Black & White Photography
Credit: .5
Level: G
Grade: 11, 12
Prerequisites: Introduction to Art 1 & 2 w/C or above
Course Description: Class size will be limited, with 11th and 12th graders having priority status. Must have passed Intro to Art or have permission of the instructor. Attendance is essential, as class requires a great amount of hands-on activities and self-discipline. You will utilize manually-adjustable 35mm cameras that give you the ability to change aperture and shutter speed. Coursework includes the components and operation of the 35mm camera, reading light meters, making appropriate exposures, lighting techniques, characteristics of film and light sensitive materials, darkroom techniques, and presentation of final prints. The class will give you the ability to create uniquely artistic photographic images while providing you with a fun and exciting way to communicate and share your ideas. Students will be expected to furnish a roll of colored film. There will be a $10.00 lab fee for this course for photography chemicals and photo paper.

Course Title: Advanced Photography
Credit: .5
Level: G
Grade: 11, 12
Prerequisites: Introduction to Art 1 & 2 and Basic B & W Photography
Course Description: This advanced photography course is for students who want to fine-tune their photography skills. We will focus on digital photography, advanced critique concepts, advanced presentation techniques, creative composition and portfolios. Students will study famous photographers and photography careers. Some Photoshop manipulation of photos will be taught. There will be critiques at the end of each project with quizzes as needed. Personal digital cameras are helpful, but a school digital camera can be provided. Some supplies may have to be purchased.
**Music**

Students who wish to enroll in more than one music course are able to do so. There are many combinations available.

**Course Title:** Eagle Band  
**Credit:** 1.75  
**Level:** G  
**Grade:** 9, 10, 11, 12  
**Prerequisites:** Must have proficiency on an instrument equivalent to two years experience.  
**Course Description:** Although this is primarily for 9th grade band members, Eagle Band is open to any band instrumentalist who has had two or more years of previous training. All students, grades 9-12, participate in marching band and pep band. After marching season, the band is divided into Eagle Band, Concert Band, and Symphonic Band. Private lessons are required and are an integral part of the program. There is no charge for the lessons and the student signs up for them at convenient times during each term. All co-curricular music activities, including pep band, jazz bands, All-State Band, All-State Jazz Band, Honors Band, and Region 4 Contests, require membership of this band.

**Course Title:** Concert Band  
**Credit:** 1.75  
**Level:** G  
**Grade:** 10, 11, 12  
**Prerequisites:** At least two years of previous training  
**Course Description:** The Band is open to any band instrumentalist who has had two or more years of previous training. All students, grades 9-12, participate in marching band and pep band. After marching season, the band is divided into Eagle Band, Concert Band, and Junior/Senior band. Private lessons are required and are an integral part of the program. There is no charge for lessons and the student signs up for them at convenient times during each term. All co-curricular music activities, including pep band, jazz bands, All-State Band, All-State Jazz Band, Honors Band, and Region 4 contests, require membership of this band. Honors credit is offered to students willing to do the extra assignments and lesson requirements developed by the instructor to meet the individual student’s needs.

**Course Title:** Symphonic Band  
**Credit:** 1.50  
**Level:** H  
**Grade:** 11, 12  
**Prerequisites:** At least two years of previous training  
**Course Description:** All students, grades 9-12, participate in marching band and pep band. After marching season, the band is divided into Eagle Band, Concert Band, and Symphonic Band. Private lessons are required and are more stringent than with the general class. There is no charge for the lessons and the student signs up for them at convenient times during each term. A minimum of 15 blocks must be earned to earn an A. As a member of Symphonic Band, students are eligible to participate/audition to be in pep band, jazz bands, drum line, Honors Band, and the Region 4 contests. These students are required to audition for All-State Band, All-State Jazz Band and/or All-State Orchestra. NOTE: If a student has passed at least 75 band blocks, they are eligible to get half credit where lessons are not required. Instructor approval is required for this option.

**Course Title:** Eagle Choir  
**Credit:** 1.50  
**Level:** G  
**Grade:** 9, 10, 11, 12  
**Prerequisites:** None (Must have a strong interest in singing)  
**Course Description:** Eagle Choir is one of three curricular choirs available at Central High School. It is mainly designed for the freshman level. This choir emphasizes the basics of developing the individual voice and ensemble singing. Students will perform in concerts throughout the school year and will compete at the Region IV Large Group Contest. A strong goal of the group is preparing the students for rehearsal and performance at the advanced high school vocal level. As a member of Eagle Choir, students are eligible to audition for co-curricular groups, such as Show Choir and Vocal Jazz, as well as All-State Chorus and SD/ACDA Junior Honors Choir.

**Course Title:** Concert Choir  
**Credit:** 1.50  
**Level:** G  
**Grade:** 10, 11, 12  
**Prerequisites:** None (Must have a strong interest in singing)  
**Course Description:** Concert Choir is the intermediate curricular choir at Central High School. Concert Choir is a performance-based class designed to further vocal training of students. While concert and contest performances are chief goals, musical literacy geared toward lifelong learning is of equal priority. No audition is required for admission to this choir, but it is structured for students who have had the basics of interval and rhythm training. Students will perform in concerts throughout the school year and will compete at the Region IV Large Group Contest. Successful completion of the Concert Choir course is helpful toward a successful audition to become a member of Central’s most advanced choir, A Cappella. As a member of Concert Choir, students are eligible to audition for co-curricular groups, such as Show Choir and Vocal Jazz, as well as All-State Chorus and ACDA Honor Choir.
Course Title: **A Cappella Choir**  
Credit: 1.0  
Level: H  
Grade: 10, 11, 12  
Prerequisites: Successful Audition  
Course Description: A Cappella is the most advanced choir at Central, whose members are chosen from auditions each spring for the following school year. It is a performance-based course meant for highly-motivated students with experience in choral ensembles. The curriculum is a broad repertoire of styles, genres, languages, and historical periods, and is directed toward musicians who welcome the challenge of advanced, unaccompanied choral literature. Students will perform in concerts throughout the school year and will compete at the Region IV Large Group Contest. As a member of A Cappella Choir, students are eligible to audition for co-curricular groups, such as Show Choir and Vocal Jazz, as well as All-State Chorus and ACDA Honors Choir. All students are required to enroll as Honor students in A Cappella Choir. Monthly lessons per term are required, as well as the presentation of a prepared solo at the Region IV Solo Contest.

Course Title: **Basic Piano Keyboarding**  
Credit: .5  
Level: G  
Grade: 9, 10, 11, 12  
Prerequisites: Beginning interest in learning to play the piano  
Course Description: This class will unlock the mysteries of the piano keyboard. It is designed for those students who have had no piano, or less than one year of piano study. The course will be taught in a lab setting, using electronic keyboards. Students will be expected to master several basic skills in playing the piano. The course is designed for students who wish to broaden their knowledge about the basic skills needed to play the piano. This course is offered for half of the block during terms three and four. The other half of the block is Concert Choir.

Course Title: **Eagle Orchestra**  
Credit: 1.5  
Level: G  
Grade: 9  
Prerequisites: Middle School Orchestra or Qualifying Private Lesson Experience  
Course Description: The Eagle Orchestra is open to anyone who has completed middle school orchestra or has completed qualifying private lesson experience as deemed by the orchestra director. Curricular lessons are required for this music ensemble. This orchestra performs several concerts throughout the year. Membership is required in order to participate in String Quartets, All-State Orchestra, Region IV Contest, plus several other events.

Course Title: **Concert Orchestra**  
Credit: 1.50  
Level: G  
Grade: 10, 11, 12  
Prerequisites: Freshman Orchestra or Qualifying Private Lesson Experience  
Course Description: The Concert Orchestra is open to anyone who has completed Freshman Orchestra or has completed qualifying private lesson experience as deemed by the orchestra director. Concert Orchestra is a performance-based class geared to advance string playing technique, and promote lifelong learners of music. Curricular lessons are required for this music ensemble. This orchestra performs several concerts throughout the year. Membership is required in order to participate in String Quartets, All-State Orchestra, Region IV Contest, plus several other events.

Course Title: **Symphony Orchestra**  
Credit: 1.0  
Level: H  
Grade: 10, 11, 12  
Prerequisites: Successful Audition plus a minimum of one year High School Orchestra  
Course Description: Symphony Orchestra is an advanced orchestra made up of highly motivated students who successfully complete an audition in the prior spring for the following school year. This class will develop skills directed toward advanced music in many and varying genres and historical time periods. Members in Symphony Orchestra are eligible to audition for All-State Orchestra. Members are required to attend and review a minimum of one post high school level orchestra concert per term. Curricular lessons are required for this music ensemble. This orchestra performs several concerts throughout the year. Membership is required in order to participate in String Quartets, All-State Orchestra, Region IV Contest, plus several other events.

Course Title: **Music Theory & History**  
Credit: .5  
Level G  
Grade: 11, 12  
Course Description: This course is designed for students to explore the fundamentals of music theory and the basics of Music History. The course is partnered with Symphonic Band and Symphony Orchestra.
Course Title: Color Guard
Credit: .75      Level: G      Grade: 9, 10, 11, 12
Course Description: Color Guard is a visual unit that performs and rehearses with the marching band to enhancing the visual elements of the marching band show. This group performs with the marching band at football games, field competitions, parades, and the Indoor Marching Band Concert. Although dance background is not required, it is helpful. Rehearsals begin at 7:30am and continue through all of 1st block. This class meets during the 1st term of each year.

SPECIAL MUSIC GROUPS

These groups meet before and/or after school and do not receive credit. For participation, students are required to also be enrolled in a credit-bearing music class. Students in choral groups must be in a choir class and students in instrumental groups must be in either a band or orchestra class for the entire year.

<table>
<thead>
<tr>
<th>Choral Groups</th>
<th>Instrumental Groups</th>
</tr>
</thead>
<tbody>
<tr>
<td>Special Request Show Choir</td>
<td>Jazz Express Jazz Band</td>
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<tr>
<td>Eagle Express Show Choir</td>
<td>Jazz Central Station Jazz Band</td>
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<tr>
<td>Vocal Jazz</td>
<td>Winter Drum Line</td>
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<td></td>
<td>Gold Star Band</td>
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Note:
To aid in scheduling, outlined below are the music classes and amount of time required for classes in those blocks. Notice that the Eagle and Concert level classes are combined with skinny class options during Terms 3 and 4.

<table>
<thead>
<tr>
<th>Block</th>
<th>Time</th>
<th>Term 1</th>
<th>Terms 2</th>
<th>Term 3</th>
<th>Term 4</th>
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<tr>
<td>Extended Block One</td>
<td>7:30 - 9:37 AM</td>
<td>Marching Band</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>1st Block</td>
<td>7:50 - 8:45 AM</td>
<td>Symphonic Orchestra</td>
<td>A Cappella Choir</td>
<td>Symph Band / Symph. Orch</td>
<td>A Cappella Choir</td>
</tr>
<tr>
<td></td>
<td>8:45 - 9:37 AM</td>
<td>A Cappella Choir</td>
<td>Symph Band / Symph. Orch</td>
<td>A Cappella Choir</td>
<td>Symph Band / Symph. Orch</td>
</tr>
<tr>
<td>2nd Block</td>
<td>9:45 - 10:30 AM</td>
<td>Eagle Choir / Eagle Orch</td>
<td>Eagle Choir</td>
<td>Eagle Band / Eagle Orch / Health 1</td>
<td>Health 1 / Eagle Choir</td>
</tr>
<tr>
<td></td>
<td>10:30 - 11:12 PM</td>
<td>Eagle Orchestra</td>
<td>Eagle Band / Eagle Orch</td>
<td>Eagle Choir / Health 1</td>
<td>Eagle Band / Eagle Orch / Health 1</td>
</tr>
<tr>
<td></td>
<td>11:12 - 12:11 PM</td>
<td>Lunch / SS</td>
<td>Lunch / SS</td>
<td>Lunch / SS</td>
<td>Lunch / SS</td>
</tr>
<tr>
<td>3rd Block</td>
<td>12:18 - 1:00 PM</td>
<td>Concert Orch</td>
<td>Concert Choir</td>
<td>Concert Band / Orch combined with Health 2 or another Skinny Class Option</td>
<td>Concert Choir combined with Basic Piano Keyboarding (Choir) or Health 2 or another Skinny Class option</td>
</tr>
<tr>
<td></td>
<td>1:00 - 1:45 PM</td>
<td>Concert Choir</td>
<td>Concert Band / Concert Orch</td>
<td>Concert Choir combined with Basic Piano Keyboarding (Choir) or Health 2 or another Skinny Class option</td>
<td>Concert Band / Orch combined with Health 2 or another Skinny Class Option</td>
</tr>
<tr>
<td>4th Block</td>
<td>1:53 - 3:20 PM</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>
**THEATRE**

**Course Title:** Theatre 1  
Credit: .5  
Level: G  
Grade: 9, 10, 11, 12  
Prerequisites: None  
Course Description: It is not necessary that you be a great actor or a great theatre technician. What is needed is a desire to learn more about the theatre. We will explore the various elements which go into understanding, interpreting and looking at theatre in today's world.

**Course Title:** Theatre 2  
Credit: .5  
Level: G  
Grade: 9, 10, 11, 12  
Prerequisites: None  
Course Description: In this class, each student will be given the opportunity to express their creativity in the realm of performance. The emphasis of this class is acting and the ensemble. Time will be spent creating ensemble through theatre games, oral interpretation, and writing and presenting monologues and skits. No acting experience is required. The stage is calling you!

**Course Title:** Stagecraft  
Credit: .5  
Level: G  
Grade: 10, 11, 12  
Prerequisites: None  
Course Description: This class is an introduction to stagecraft. If you ever have had a desire to swing a hammer, saw a board, pound a nail, or paint scenery, this is the class for you. In this class you will begin to learn about the technical realm of theatre. In this behind-the-scenes class, you will learn how to put a theatre production together from the blank stage to opening night.

**Course Title:** Introduction to Musical Theatre  
Credit: .5  
Level: G  
Grade: 9, 10, 11, 12  
Prerequisites: None  
Course Description: This class will introduce students to the world of Musical Theatre. It will include a study of the history of musical theatre and the development of musical theatre as an art form. Students will study several different styles of musicals, past and present. The class will incorporate reading, writing, listening, speaking, and presentation skills.

**HUMANITIES**

**Course Title:** Humanities  
Credit: 1.0  
Level: H  
Grade: 11, 12  
Prerequisites: None  
Course Description: This course will integrate social science, literature, technology, science, fine arts, and philosophy through an in-depth study of an era in history. Students will have the unique opportunity to experience the interdisciplinary relationships in this era of history by incorporating research, field trips, speaking, performance, and collaborative skills. Students will experience the history of eras through their music, dance, theater, science, art, architecture, and philosophy. Students will find out what it was like to live in other ages by examining social customs, life styles, food, and attire.
## LANGUAGE ARTS COURSES

### Course Title: Language Arts 9  
Credit: 0.5  
Level: G  
Grade: 9  
Prerequisites: None  
**Course Description:** This required course has an emphasis on a documented research paper based on the MLA method of research writing. Students will also explore Shakespeare and his time with an emphasis on *Romeo and Juliet*. Students may also read short stories and must be able to identify plot elements and literary devices in different genres.

### Course Title: Speech 9  
Credit: 0.5  
Level: G  
Grade: 9  
Prerequisites: None  
**Course Description:** This required course covers a variety of individual speeches (approximately one speech per week) and instruction in speaking style. The course focuses on understanding the key components of a speech. Students are evaluated on organization, development and speaking style. **This required course is only available at CHS within the general classroom.**

### Course Title: Oral Interpretation  
Credit: Fine Arts .5 or .5 Speech  
Prerequisites: None  
Level: G  
Grade: 9, 10, 11, 12  
**Course Description:** This course is the entry-level oral interpretation course open to all grades. It introduces students to the fundamental principles of oral interpretation. Topics included: understanding the art of oral interpretation; creating or finding appropriate cuttings of literature; writing appropriate introductions; understanding the full range of vocal and physical skills needed to make presentations enjoyable; exhibiting good personal communication and audience member skills; appreciating the skills and performance of others; and learning to accept constructive criticism. Participation in two co-curricular oral interpretation competitions is required to receive a grade above a “D”.

### Course Title: Debate & US Democracy  
Credit: 1.0  
Level: G  
Grade: 9, 10  
Prerequisites: 3.0 GPA or above  
**Course Description:** This course is both the entry-level debate course and the US government requirement for freshmen. It introduces students to the fundamentals and principles of academic debate through intense study of US government. The students will discover: the philosophical basis of, the impetus for, and the creation of our United States Constitution. The students will study advanced research and argumentation theories and practices as they relate to the national debate topic. The students will explore the operation and function of our national government today in relation to the principles found in the Constitution. Through intense study of the function and practice of debate in a democratic society, this course is designed to promote active citizenship and participation in the democratic process. Participation in two co-curricular debates is required to receive a grade above a “D”. **A student receiving a 2 or below on the Dakota STEP Test in Reading will be removed from the class if registered. This course would be taken in place of both Speech 9 and Survey of US Government.**

### Course Title: Literary Genres A & B  
Credit: 1.0  
Level: G  
Grade: 10  
Prerequisites: Language Arts 9 and Speech 9  
**Course Description:** This course will focus on the various literary genres of literature: short story, poetry, drama, novels, and non-fiction. It is designed to help students interpret literature, apply literary vocabulary, and write effectively. Students will write descriptive, expository, and/or comparison/contrast essays.

### Course Title: AP Language & Composition / AP US History  
Credit: 2.0  
Level: AP  
Grade: 10, 11, 12  
Prerequisites: Language Arts 9 and Speech 9 w/3.00 GPA  
**Course Description:** This interdisciplinary course will combine a study of US History from 1492 to the present with appropriate fiction, drama, poetry, and non-fiction to illustrate the major trends, ideas, and periods. The composition component will focus on writing skills necessary for the AP exams and college writing experiences. The course will focus upon analytical skills and factual knowledge necessary to deal critically with history and literature. A portion of the block will be used for cooperative learning groups, conferences, and individual research projects. Included in the assignments and projects will be videos, debates, primary document research, simulations, and map assignments. Cooperative groups will be used for composition, analysis of writing style, and testing series assignments. This course fulfills Literary Genres AND Survey of US History.
Course Title: US Literature and Composition A & B
Credit: 1.0  Level: G  Grade: 11
Prerequisites: Language Arts 9, Speech 9, and Literary Genres A & B
Course Description: This course consists of three strands – US literature, composition, and speech. Students will study fiction, poetry, and non-fiction in order to expand their skills on identifying key literary and poetic elements. Students will be writing expository, and persuasive, and comparison/contrast essays, and speaking in response to literature, personal experience, and personal ideas.

Course Title: Honors US Literature and Composition A & B
Credit: 1.0  Level: H  Grade: 11
Prerequisites: Language Arts 9, Speech 9, and Literary Genres A&B, 3.00 GPA or petitioned
Course Description: This course consists of three strands – US literature, composition, and speech. Students will study fiction, poetry, and non-fiction. Students will be writing and speaking in response to literature, personal experience, and personal ideas. The essays will be expository, persuasive, and comparison/contrast. This course is designed for students with above average English skills and will demand interpretive and evaluative reading and writing skills that will lay the groundwork for literary analysis. This requires moving beyond identifying key literary and poetic elements to explaining how they all work together to convey a given message. Additional novels and essays will be required.

Course Title: AP English Literature and Composition A & B
Credit: 2.0  Level: AP  Grade: 11, 12
Prerequisites: 9th and 10th grade Language Arts courses w/3.00 GPA or petitioned
Course Description: AP Literature and Composition is a two-credit, college class taught on the high school level. The class provides excellent preparation for the more intensive writing, reading, and analysis required in universities as well as preparing the students for the Advanced Placement test given nationwide in May. The class involves discussion, analysis, and evaluation of world classics such as The Odyssey, Hamlet, 1984, Heart of Darkness and other novels, short stories, poems, and dramas of literary value. The course will be taught in a workshop format involving participation in class discussions, small group discussions, individual speeches, and a variety of writing assignments. The skills emphasized will be: close reading, writing with an emphasis on analysis, discussion, and critical thinking. This course fulfills the British Literature requirement.

Course Title: British Literature A & B
Credit: 1.0  Level: G  Grade: 12
Prerequisites: Language Arts 9, Speech 9, and Literary Genres A&B, US Lit & Comp A&B
Course Description: This course will focus on an overview of British and World Literature ranging from the Anglo-Saxons through the Middle Ages and Renaissance to Victorian and Modern Period. Students will use the writing process to analyze various pieces of literature. Speaking will be included as well as a variety of novels that will challenge students to explore characters, events, symbolism, and themes.

Course Title: Honors British Literature A & B
Credit: 1.0  Level: H  Grade: 12
Prerequisites: LA 9, Speech 9, and Literary Genres A&B, US Lit & Comp A&B, w/3.00 GPA or petitioned
Course Description: This course will focus on an overview of British and World Literature: Anglo-Saxons, the Middle Ages, the Renaissance, the Eighteenth Century, the Romantic Period, the Victorian Period and the Modern World. Writing will involve literary analysis as well as other essay formats and may include a research paper. Students will focus on exploring more complicated novels and generating in-depth discussions on all aspects of literature including author's intentions, character motivations, diction, imagery, symbolism, and themes.
### ELECTIVES:

**Course Title:** Honors Advanced Debate  
**Credit:** .5  
**Level:** H  
**Grade:** 10, 11, 12  
**Prerequisites:** None  
**Course Description:** This course will consist of research, discussion, and debates on the year's topic and individual events. Participation in extra-curricular debate tournaments is a requirement of this course. Satisfactory completion of Debate 1 with a grade of "C" or better is strongly recommended.

**Course Title:** Creative Writing  
**Credit:** .5  
**Level:** G  
**Grade:** 10, 11, 12  
**Prerequisites:** None  
**Course Description:** Communication of creative ideas in prose and poetry is the basis for the course. Time will be spent on invention (What can you write about?) and observations (Do you effectively communicate your ideas and observations?). Some time will be spent analyzing the works of effective writers to discover ways of developing an individual style and more effective communication devices.

**Course Title:** Film Studies  
**Credit:** .5  
**Level:** G  
**Grade:** 10, 11, 12  
**Prerequisites:** Language Arts 9 and Speech 9  
**Course Description:** This course centers not only on the message of film and television media, but also on HOW those mediums construct that meaning. Through clips and some full length films, students will examine how movies and television use a variety of techniques such as music, imagery, sequencing, special effects, symbols, archetypes, flashbacks, point of view, irony, indirect characterization techniques, and setting to create tone and meaning for the film. This class will also examine how film represents different cultures, religions, and political beliefs. Students will take that information and explain how such techniques and representations affect the audience. Finally, students will examine stereotypes within the media and identify the effect of those stereotypes as well as the power of the media itself. Students must be familiar with MLA format as they will be required to use outside sources to justify their conclusions on the above topics in a formal research paper. Students will also write journals and participate in group and individual projects to demonstrate their understanding of how we create meaning through film.

### JOURNALISM COURSES

**Course Title:** Journalism 1  
**Credit:** 1.0  
**Level:** G  
**Grade:** 11, 12  
**Prerequisites:** Computer Applications  
**Course Description:** Journalism 1 is intended to introduce the student to newspaper journalism and help him/her develop a proficiency in the different facets of newspaper writing and publishing, general photography, and opportunities in journalism and related fields. Since the major emphasis of this class is on writing, the student is expected to have proficiency in English grammar and composition. Students must be capable of using a computer on most assignments.

**Course Title:** Journalism 2  
**Credit:** 1.0  
**Level:** G  
**Grade:** 12  
**Prerequisites:** Computer Applications & Journalism 1  
**Course Description:** Journalism 2 is a laboratory course allowing students to use the skills developed in Journalism 1 in producing the school newspaper and yearbook. Students work on both staffs with opportunity to concentrate efforts into areas of most interest to them. Students have an opportunity to explore further career opportunities and scholarships available. Emphasis is placed on individual responsibility for group effectiveness. Creativity and innovation are encouraged within the framework of practicality. Since this course is built on skills acquired in Journalism 1, the beginning course is a prerequisite unless instructor permission is obtained.
## World Language Courses

### Course Title: French 1 A & B
- **Credit:** 1.0  
- **Level:** G  
- **Grade:** 9, 10, 11, 12  
- **Prerequisites:** None  
- **Course Description:** This course is an introduction to oral and written language as well as to the culture of the target language’s world. Students are introduced to the target language by imitation, repetition, and the use of the language in class. Class will incorporate reading, writing, listening, speaking, and culture. Students must pass both terms to advance to Level 2.

### Course Title: French 2 A & B
- **Credit:** 1.0  
- **Level:** G  
- **Grade:** 9, 10, 11, 12  
- **Prerequisites:** French 1  
- **Course Description:** Students continue the study of basic grammar patterns, vocabulary building, conversation, and comprehension. Reading, writing, listening, speaking, and furthering cultural knowledge will be stressed. Students must pass both terms to advance to Level 3.

### Course Title: Honors French 3 A & B
- **Credit:** 1.0  
- **Level:** H  
- **Grade:** 10, 11, 12  
- **Prerequisites:** French 1 & 2  
- **Course Description:** This class encourages a more in depth study of the target language through conversation, reading, and writing on a more advanced level. Students use target language authentic materials to increase their ability to communicate in the target language. Students must pass both terms to advance to Level 4. This course may enhance students’ language usage abilities for post-high school international and business studies, as well as other related careers. This course may also increase scholarship opportunities.

### Course Title: Honors French 4 A & B
- **Credit:** 1.0  
- **Level:** H  
- **Grade:** 10, 11, 12  
- **Prerequisites:** French 1, 2 & 3  
- **Course Description:** Students explore the practical application of all of the concepts learned in previous levels. Students learn to use the language in areas of daily life such as home, community, marketing, and correspondence. Further studies of literature and culture will continue. This course may enhance students’ language usage abilities for post-high school international and business studies, as well as other related careers. This course may also increase scholarship opportunities.

### Course Title: Spanish 1 A & B
- **Credit:** 1.0  
- **Level:** G  
- **Grade:** 9, 10, 11, 12  
- **Prerequisites:** None  
- **Course Description:** This course is an introduction to oral and written language as well as to the culture of the target language’s world. Students are introduced to the target language by imitation, repetition, and the use of the language in class. Class will incorporate reading, writing, listening, speaking, and culture. Students must pass both terms to advance to Level 2.

### Course Title: Spanish 2 A & B
- **Credit:** 1.0  
- **Level:** G  
- **Grade:** 9, 10, 11, 12  
- **Prerequisites:** Spanish 1  
- **Course Description:** Students continue the study of basic grammar patterns, vocabulary building, conversation, and comprehension. Reading, writing, listening, speaking, and furthering cultural knowledge will be stressed. Students must pass both terms to advance to Level 3.
Course Title:  **Honors Spanish 3 A & B**  
Credit:  1.0  
Level:  H  
Grade:  9 (special circumstance with teacher approval), 10, 11, 12  
Prerequisites:  Spanish 1 & 2  
Course Description:  This class encourages a more in depth study of the target language through conversation, reading, and writing on a more advanced level. Students use target language authentic materials to increase their ability to communicate in the target language. Students must pass both terms to advance to Level 4. This course may enhance students' language usage abilities for post-high school studies. This course also increases scholarship opportunities.

Course Title:  **Honors Spanish 4 A & B**  
Credit:  1.0  
Level:  H  
Grade:  9 (special circumstance with teacher approval), 10, 11, 12  
Prerequisites:  Spanish 1, 2 & 3  
Course Description:  Students explore the practical application of all of the concepts learned in previous levels. Students learn to use the language in areas of daily life such as home, community, marketing, and correspondence. Introduction to studies of literature and culture will continue. This course should enhance students' language usage abilities and communication for post-high school studies. This course also increases scholarship opportunities and college admission to in-state and out-of-state colleges.

Go EAGLES!!!!!
South Dakota Graduation Requirements for Math

**All Students**

3 credits

must include Algebra 1, Geometry, and Algebra 2.*

(*With school and parent/guardian approval, Geometry or Algebra 2 (but not both) may be replaced by a more appropriate course. Three units of Math are still required)

**Students Seeking SD Opportunity Scholarship**

4 credits

Must include Algebra 1, Geometry, Algebra 2, and an additional course above Algebra 2.

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### Mathematics Course Offerings at CHS

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<th>GENERAL Pathway</th>
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</tr>
<tr>
<td>Algebra 2</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**RECOMMENDED PATHWAYS FOR MATHEMATICS**

(ALL students must take a mathematics course in grades 9, 10, and 11)
<table>
<thead>
<tr>
<th>Last Course Completed</th>
<th>Grade Earned</th>
<th>Options for Next Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>8th Grade Math</td>
<td>A, B, C</td>
<td>Algebra 1</td>
</tr>
<tr>
<td></td>
<td>D or F</td>
<td>Math 1/Algebra 1</td>
</tr>
<tr>
<td>8th Grade Algebra 1</td>
<td>A, B, C</td>
<td>Geometry, Honors Geometry, Algebra 2 or Honors Algebra 2</td>
</tr>
<tr>
<td></td>
<td>D or F</td>
<td>Repeat Algebra 1</td>
</tr>
<tr>
<td>Math 1/Algebra 1</td>
<td>A, B, C</td>
<td>Math 2/Geometry</td>
</tr>
<tr>
<td></td>
<td>D or F</td>
<td>Teacher Recommendation</td>
</tr>
<tr>
<td>Algebra 1</td>
<td>A, B, C</td>
<td>Geometry or Algebra 2</td>
</tr>
<tr>
<td></td>
<td>D or F</td>
<td>Repeat Algebra 1</td>
</tr>
<tr>
<td>Math 2/Geometry</td>
<td>A, B, C</td>
<td>Mathematical Models</td>
</tr>
<tr>
<td></td>
<td>D or F</td>
<td>Teacher Recommendation</td>
</tr>
<tr>
<td>Geometry</td>
<td>A, B, C</td>
<td>Algebra 2 or Honors Algebra 2</td>
</tr>
<tr>
<td></td>
<td>D or F</td>
<td>Repeat Geometry</td>
</tr>
<tr>
<td>Honors Geometry</td>
<td>A, B, C</td>
<td>Algebra 2 or Honors Algebra 2</td>
</tr>
<tr>
<td></td>
<td>D or F</td>
<td>Repeat Honors Geometry or take Geometry</td>
</tr>
<tr>
<td>Mathematical Models</td>
<td>A, B, C</td>
<td>Algebra 2</td>
</tr>
<tr>
<td></td>
<td>D or F</td>
<td>Repeat Mathematical Models</td>
</tr>
<tr>
<td>Algebra 2</td>
<td>A, B, C</td>
<td>Advanced Mathematics</td>
</tr>
<tr>
<td></td>
<td>D or F</td>
<td>Repeat Algebra 2</td>
</tr>
<tr>
<td>Honors Algebra 2</td>
<td>A, B, C</td>
<td>Advanced Math, Honors Pre-calculus or AP Statistics</td>
</tr>
<tr>
<td></td>
<td>D or F</td>
<td>Repeat Honors Algebra 2 or take Algebra 2</td>
</tr>
<tr>
<td>Advanced Math</td>
<td>A, B, C</td>
<td>Honors Pre-calculus or AP Statistics</td>
</tr>
<tr>
<td></td>
<td>D or F</td>
<td>Repeat Advanced Math</td>
</tr>
<tr>
<td>Honors Precalculus</td>
<td>A, B, C</td>
<td>AP Statistics or AP Calculus</td>
</tr>
<tr>
<td></td>
<td>D or F</td>
<td>Repeat Pre-calculus</td>
</tr>
<tr>
<td>AP Statistics</td>
<td>A, B, C</td>
<td>See Instructor</td>
</tr>
<tr>
<td></td>
<td>D or F</td>
<td></td>
</tr>
<tr>
<td>AP Calculus</td>
<td>A, B, C</td>
<td>See Instructor</td>
</tr>
<tr>
<td></td>
<td>D or F</td>
<td></td>
</tr>
</tbody>
</table>
Basic Pathway

Teacher/Administrator recommendation and parent/guardian signature are required.

Course Title: Math 1/Algebra 1
Credit: 2.0 (1 Algebra credit, 1 elective credit) Grade: 9, 10, 11, 12
Prerequisites: Teacher recommendation
Course Description: This year-long course is intended for students needing additional skill development as they learn Algebra. The course provides students with the fundamental processes of Algebra, but at a slower pace than the one-semester course. Students will be given the opportunity for more practice and assessments to fulfill requirements. The Algebra 1 credit will fulfill the state graduation requirements, but the elective credit for Math 1 will not apply toward the required three mathematics credits for graduation.

Course Title: Math 2/Geometry
Credit: 2.0 (1 Geometry credit, 1 elective credit) Grade: 10, 11, 12
Prerequisites: Math 1/Algebra 1 and teacher recommendation
Course Description: This year-long course is intended for students needing additional skill development as they learn Geometry. The course provides students with the fundamental processes of Geometry, but at a slower pace than the one-semester course. Students will be given the opportunity for more practice and assessments to fulfill requirements. The Geometry credit will fulfill the state graduation requirements, but the elective credit for Math 2 will not apply toward the required three mathematics credits for graduation.

Course Title: Mathematical Models
Credit: 1.0 Grade: 11, 12
Prerequisites: Math 2/Geometry and teacher recommendation
Course Description: In Mathematical Models, students continue to build on Algebra 1 and Geometry skills as they expand their understanding through other mathematical experiences. Students use algebraic, graphical, and geometric reasoning to recognize patterns, model information and solve problems from various disciplines. This semester-long course is intended to fulfill the third-year graduation requirement and serve as preparation for Algebra 2.
**General Pathway**

*All students may register for these courses.*

**Course Title:**  Algebra 1  
Credit: 1.0  
Grade: 9, 10, 11, 12  
Prerequisites: 8th Grade Math  
Course Description: This course provides students with the fundamental processes of Algebra. The student will be able to extend their knowledge of arithmetic principles to algebraic properties when problem-solving.

**Course Title:**  Geometry  
Credit: 1.0  
Grade: 9, 10, 11, 12  
Prerequisites: Algebra 1  
Course Description: This course is intended to cover the core content of High School Geometry. The approach will be algebraic in nature with some exposure to deductive proof. The concept of space geometry is combined with plane geometry throughout the course. Students will be able to use spatial visualization to solve problems that relate geometric properties with the Cartesian Plane, and use deductive and inductive reasoning to draw conclusions.

**Course Title:**  Algebra 2  
Credit: 1.0  
Grade: 10, 11, 12  
Prerequisites: Algebra 1  
Course Description: This course will expand on Algebra 1 skills previously learned. The students will develop mathematical concepts for higher-level courses.

**Course Title:**  Advanced Mathematics  
Credit: 1.0  
Grade: 10, 11, 12  
Prerequisites: Algebra 2  
Course Description: This course is a general level course designed to give students exposure to concepts of advanced mathematics in preparation for College Algebra, ACT, SAT and college placement exams. The course strengthens and expands the techniques in Algebra 2, introduces trigonometric functions, and integrates statistics and data analysis.
Honors Pathway

Teacher recommendation is suggested

Course Title: Honors Geometry
Credit: 1.0             Grade:  9, 10, 11, 12
Prerequisites: 8th Grade Algebra 1 or teacher referral
Course Description: This course is intended to cover core and advanced content of High School Geometry in depth and at an accelerated pace. The approach will be proof-based with extensive attention to the development of deductive and inductive reasoning abilities. Students will be able to draw conclusions using spatial visualization and geometric constructions to prove properties.

Course Title: Honors Algebra 2
Credit: 1.0             Grade:  10, 11, 12
Prerequisites: Honors Geometry or teacher referral
Course Description: This course covers Algebra concepts of higher complexity and at an accelerated pace. It is geared toward students with high mathematical aptitude preparing to continue in higher-level mathematics and science courses. The course expands on functional and graphical analysis as well as conic sections.

Course Title: Honors Pre-calculus
Credit: 1.0             Grade:  10, 11, 12
Prerequisites: Honors Algebra 2 or Advanced Mathematics
Course Description: This course is designed to prepare students with high mathematical aptitude for Advanced Placement or college-level Calculus. Trigonometric functions are studied thoroughly with emphasis on application. Course content also includes algebraic analysis of polynomial and rational functions, systems of equations, inequalities and applications of matrices.

Course Title: Advanced Placement Statistics
Credit: 1.0             Grade:  10, 11, 12
Prerequisites: Honors Algebra 2 or Advanced Mathematics
Course Description: AP Statistics will prepare students with introductory probability and statistical concepts. The course will primarily focus on expanding statistical understanding as outlined in the Advanced Placement curriculum. The use of a calculator and computer technology applications will be emphasized. This course will be demanding and accelerated. Upon successful completion of this course, student should elect to take the AP Statistics exam. The score on this exam will determine college credit options.

Course Title: AP Calculus
Credit: 2.0             Grade:  11, 12
Prerequisites: Honors Pre-calculus
Course Description: This course is intended for college-bound students preparing to study mathematics, science, or other related fields. The mathematics learned in Algebra 2, Advanced Mathematics, and Honors Pre-calculus will be reinforced and expanded. Limits, the derivative, integration and their applications will be covered. Upon successful completion of this course, students should elect to take the AP Calculus exam. The score on this exam will determine college credit options.
PHYSICAL EDUCATION AND HEALTH COURSES

**Course Title:** Health – First Aid  
Credit: .5  
Level: G  
Grade: 9  
Prerequisites: None  
Course Description: The American Red Cross "Community First Aid and Safety" program is taught in this course. Students can become certified in CPR upon passing the required written and skill tests. Students will also explore ideas, decision making skills and activities that promote a healthy lifestyle for a lifetime.

**Course Title:** Health – Wellness  
Credit: .5  
Level: G  
Grade: 10  
Prerequisites: None  
Course Description: The topics to be covered in this health course include the following: Stress and Stress Management; Alcohol, Drug and Tobacco use; Infectious diseases including STDs; Non-infectious diseases; Healthy Environments; Choosing Health Care; You and your family; Preventing Violence; Aging, Death, and Dying.

**Course Title:** Aerobics  
Credit: .5  
Level: G  
Grade: 9, 10, 11, 12  
Prerequisites: None  
Course Description: The purpose of this course is to maintain or improve cardiovascular fitness. Aerobic activities include rope skipping, steps, running, walking, physio balls, elastibands, tae bo, pilates, yoga, and other fitness videos. Students will develop and implement individual fitness plans. Students will develop the skills needed to maintain a lifetime of physical wellbeing and a healthy lifestyle.

**Course Title:** Advanced Aerobics  
Credit: .5  
Level: G  
Grade: 9, 10, 11, 12  
Prerequisites: Aerobics  
Course Description: The purpose of this course is to maintain or improve cardiovascular fitness. Students will develop and implement personal fitness plans. An emphasis will be placed on assessing programs. Students will use a variety of assessment tools to monitor effectiveness of personal plans. Students will develop the skills needed to maintain a lifetime of physical wellbeing and a healthy lifestyle.

**Course Title:** Lifetime Sports  
Credit: .5  
Level: G  
Grade: 9, 10, 11, 12  
Prerequisites: None  
Course Description: The purpose of this course is to achieve or maintain a healthy level of physical fitness through daily activity. Activities include Frisbee, aerobics, walking, biking, golf, and other activities. Students will develop the skills needed to maintain a lifetime of physical wellbeing and a healthy lifestyle.

**Course Title:** Net Sports  
Credit: .5  
Level: G  
Grade: 9, 10, 11, 12  
Prerequisites: None  
Course Description: The purpose of this course is to expose students to a variety of net games and the rules by which they are played. It is also a goal to improve the participant’s level of fitness. Net sports that will be played include tennis, badminton, pickleball, and volleyball. Students will develop the skills needed to maintain a lifetime of physical wellbeing and a healthy lifestyle.
**Course Title:** Team Sports  
**Credit:** .5  
**Level:** G  
**Grade:** 9, 10, 11, 12  
**Prerequisites:** None  
**Course Description:** The purpose of this course is to expose students to the team sports of basketball, flag football, softball, whiffleball, floor hockey, and soccer. Students will be assessed on knowledge of rules and strategies. Students will develop the skills needed to maintain a lifetime of physical wellbeing and a healthy lifestyle.

**Course Title:** Walk-a-cise  
**Credit:** .5  
**Level:** G  
**Grade:** 9, 10, 11, 12  
**Prerequisites:** None  
**Course Description:** This course is designed to assess and improve an individual's level of fitness through walking routines which include steps, jump ropes, aqua workouts, and other fitness routines. Students will be expected to develop fitness plans, assessments, and nutritional programs in order to improve physical fitness. Students will develop the skills needed to maintain a lifetime of physical wellbeing and a healthy lifestyle.

**Course Title:** Recreational Sports  
**Credit:** .5  
**Level:** G  
**Grade:** 9, 10, 11, 12  
**Prerequisites:** None  
**Course Description:** Students will engage in a variety of activities designed to improve fitness in all areas. Activities include, but are not limited to, matt ball, pin guard, flickerball, whiffleball, floor hockey, ultimate Frisbee and a variety of aqua workouts. This program will consist of stretching, warm-up, and cardiovascular activities. Students will develop the skills needed to maintain a lifetime of physical wellbeing and a healthy lifestyle.

**Course Title:** Weight Training  
**Credit:** .5  
**Level:** G  
**Grade:** 9, 10, 11, 12  
**Prerequisites:** None  
**Course Description:** This course is an introductory level course designed to introduce students to the benefits of weight training. Technique and fitness planning will be explored. Participants will chart their progress to measure the effectiveness of their workouts. Students will develop the skills needed to maintain a lifetime of physical wellbeing and a healthy lifestyle.

**Course Title:** Advanced Weight Training  
**Credit:** .5  
**Level:** G  
**Grade:** 10, 11, 12  
**Prerequisites:** Basic Weight Training  
**Course Description:** Resistance training, using free weights, machines, and mat exercises, will be emphasized in this course. Students will be assessed in the 5 areas of fitness including: muscular strength, endurance, body composition, flexibility, and cardio-respiratory endurance. Students will develop the skills needed to maintain a lifetime of physical wellbeing and a healthy lifestyle.

**Course Title:** Fitness for Life  
**Credit:** .5  
**Level:** G  
**Grade:** 10, 11, 12  
**Prerequisites:** None  
**Course Description:** The purpose of this course is to acquaint students with the basic knowledge, understanding, and values of nutrition and physical activity relating to a healthy lifestyle. Students will assess and work toward achieving personal fitness and knowledge of healthy diets. A variety of workouts, which will include aqua workouts, will be presented. This is an interdisciplinary class taught by family & consumer science and physical education staff. Labs will be conducted in the FACS department and in the physical education department. Students will develop the skills needed to maintain a lifetime of physical wellbeing and a healthy lifestyle. **There will be a $5.00 lab fee for this course.**
South Dakota Graduation Requirements

Lab Science – 3.0 Credits – must include:

Physical Science (1.0)
Biology (1.0)
Chemistry or Physics (1.0)*

* With school and parent/guardian approval, a student may be excused from this course in favor of a more appropriate course. If a student is excused from Chemistry or Physics, the student must still take three units of Lab Science.

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### Science Course Offerings at CHS

<table>
<thead>
<tr>
<th>These classes satisfy Biology credit.</th>
<th>These Classes satisfy Physics credit.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology</td>
<td>Physics</td>
</tr>
<tr>
<td>AP Biology A</td>
<td>Honors Physics</td>
</tr>
<tr>
<td>AP Biology B</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>These classes satisfy Chemistry credit.</th>
<th>Electives Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry in the Community</td>
<td>Physical Science (9th grade)</td>
</tr>
<tr>
<td>Honors Chemistry</td>
<td></td>
</tr>
<tr>
<td>AP Chemistry A</td>
<td></td>
</tr>
<tr>
<td>AP Chemistry B</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Electives Not Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Astronomy</td>
</tr>
<tr>
<td>Geology</td>
</tr>
<tr>
<td>Atmospheric Studies</td>
</tr>
<tr>
<td>Honors Physiology/Anatomy</td>
</tr>
</tbody>
</table>
SEQUENCE OF SCIENCE COURSES

Listed below are the Science courses and their prerequisites.

<table>
<thead>
<tr>
<th>COURSE</th>
<th>PREREQUISITE(S)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AP Biology A&amp;B</td>
<td>Phys Science  Algebra 1</td>
</tr>
<tr>
<td>AP Chemistry A&amp;B</td>
<td>Phys Science  Algebra 1</td>
</tr>
<tr>
<td>H Physiology/Anatomy</td>
<td>Phys Science  Biology</td>
</tr>
<tr>
<td>H Physics</td>
<td>Phys Science  Algebra 2**</td>
</tr>
<tr>
<td>Physics</td>
<td>Phys Science</td>
</tr>
<tr>
<td>Astronomy</td>
<td>Phys Science</td>
</tr>
<tr>
<td>Atmospheric Studies</td>
<td>Phys Science</td>
</tr>
<tr>
<td>Geology</td>
<td>Phys Science</td>
</tr>
<tr>
<td>H Chemistry</td>
<td>Phys Science  Algebra 1</td>
</tr>
<tr>
<td>Chemistry in the Community</td>
<td>Phys Science  Algebra 1</td>
</tr>
<tr>
<td>Biology</td>
<td>Phys Science</td>
</tr>
</tbody>
</table>

** Strongly Recommended

SCIENCE COURSE SEQUENCE

- Physical Science
  - Honors Chemistry
    - AP Biology
      - Honors Physics
        - AP Chemistry
          - Electives
  - Biology
    - Chemistry in the Community
    - Honors Chemistry
    - Physics
      - Electives

** Electives include: Astronomy, Atmospheric Studies, Honors Physiology/Anatomy and Geology.
Course Title: Physical Science  
Credit: 1.0  
Level: G  
Grade: 9, 10, 11, 12  
Prerequisites: Math 1  
Course Description: Physical Science is a laboratory science using the practical study of the relationship between matter and energy. The program offers an introduction to physical laws and chemical processes. Scientific principles are reinforced by activities. The course also provides experiences that help students develop and apply critical thinking process skills.

Course Title: Biology  
Credit: 1.0  
Level: G  
Grade: 10, 11, 12  
Prerequisites: Physical Science  
Course Description: This laboratory science course will approach Biology using the scientific method to investigate topics such as: Biological molecules, cellular functions, genetics, classification of major groups of organisms, structure and functions of these groups, and ecology. All topics will be reinforced with laboratory exercises, and activities that will help students develop and apply critical thinking process skills.

Course Title: Chemistry in the Community (Chem Com)  
Credit: 1.0  
Level: G  
Grade: 10, 11, 12  
Prerequisites: Physical Science & Algebra 1  
Course Description: Chemistry in the Community is a laboratory course which presents the chemical concepts required for college-bound students. The course utilizes an approach which emphasizes various issues in science which involve chemistry and technology as they relate to society. Chemistry principles are introduced as needed to help students understand these central issues. Math skills are important, however, a less rigorous application of math will be used. The basic materials used are Chemistry in the Community and the companion laboratory guide. CHEM COM WILL NOT MEET THE CHEMISTRY PREREQUISITE FOR AP BIOLOGY.

Course Title: Honors Chemistry  
Credit: 1.0  
Level: H  
Grade: 10, 11, 12  
Prerequisites: Physical Science and Algebra 1  
Course Description: This laboratory science course will approach chemistry using a strong application of math to study the topics of matter, energy, equations, equation relationships, kinetic theory, equilibrium, acid-base concepts, and reaction rates. Students should have strong math skills including proportions, graphing, and algebra. It is recommended that the students be concurrently enrolled in Algebra 2 or have completed credit for it. This course will provide a strong introduction to chemistry and will be very helpful for students who go on to college-level chemistry.

Course Title: Geology  
Credit: .5  
Level: G  
Grade: 10, 11, 12  
Prerequisites: Physical Science  
Course Description: Geology investigates our planet’s land through laboratory exercise and activities designed to obtain a hands-on approach to the curriculum. The topics of rocks, minerals, plate tectonics, volcanoes, mountain building, and earthquakes give an overview of how the Earth’s crust changes and produces the structures we see today. The course will also explore the geologic history of the earth and investigate the methods geologists use to uncover this information.

Course Title: Atmospheric Studies  
Credit: .5  
Level: G  
Grade: 10, 11, 12  
Prerequisites: Physical Science  
Course Description: Atmospheric Studies investigates our planet’s atmosphere through laboratory exercise and activities designed to obtain a hands-on approach to the curriculum. Our atmosphere is explored by observing its composition, weather tendencies, and its effect on climate. Investigations of nature are explored by observing the effects of human intervention and the dramatic effects of disrupting the delicate processes of our world. We will also learn how oceanography affects climate.
Course Title: Astronomy
Credit: .5
Level: G
Grade: 10, 11, 12
Prerequisites: Physical Science & Algebra 1
Course Description: Astronomy is a laboratory science course that will explore the vast regions of space. Through observations, laboratory exercises, and activities, students learn about the universe’s diverse structures, history, and future. Physical laws are applied to demonstrate the motion of heavenly bodies and how astronomers use those laws to observe and hypothesize about the celestial objects.

Course Title: Physics
Credit: 1.0
Level: G
Grade: 10, 11, 12
Prerequisites: Physical Science, Algebra 1, Geometry, Algebra 2 recommended
Course Description: Physics is a laboratory science which emphasizes the science of matter and energy. Physicists study matter and energy in three realms: the everyday world, the atomic world, and the universe of stars and space. Mechanics, needed to interpret most phenomena, is the first concept presented. This includes such topics as measurement, motion, vectors, forces, and momentum. Then each form of energy (heat, light, electric) and the basic structure of matter are intertwined. As these relationships are developed, the laws governing them are demonstrated and emphasized. There are many practical applications in the study of heat, sound, light, and electricity and magnetism that are brought out.

Course Title: Honors Physics
Credit: 1.0
Level: H
Grade: 10, 11, 12
Prerequisites: Physical Science, Algebra 1, Geometry, Algebra 2
Course Description: This laboratory science course will approach physics using a strong application of math to study topics of matter and energy. Physicists study matter and energy in three realms: the everyday world, the atomic world, and the universe of stars and space. Mechanics, needed to interpret most phenomena, is the first concept presented. This includes such topics as measurement, motion, vectors, forces, and momentum. Then each form of energy (heat, light, electric) and the basic structure of matter are intertwined. As these relationships are developed, the laws governing them are demonstrated and emphasized. There are many practical applications in the study of heat, sound, light, and electricity and magnetism that are brought out.

Course Title: AP Biology A & B
Credit: 2.0
Level: AP
Grade: 10, 11, 12
Prerequisites: Physical Science, Algebra 1, Biology, Honors Chemistry, Algebra 2
Course Description: This course offers highly motivated, interested students a unique opportunity to earn college-level credit. AP Biology is an introductory college-level course which emphasizes laboratory experiences, current science, technology, and society issues related to biological topics which include: Biochemistry and Cells, Cellular Energetics, Heredity and Molecular Genetics, and Organisms and Populations. Students who take both semesters will be required to do an in-depth project and should elect to take the AP Biology exam. Students may register to take only AP Biology A if they do not have enough time in their schedule for an entire year of AP Biology. This will provide them with an excellent background for college Biology.

Course Title: Honors Physiology/Anatomy
Credit: 1.0
Level: H
Grade: 11, 12
Prerequisites: Phys. Sci., Algebra 1, Biology, H Chemistry or Chem Com with teacher recommendation.
Course Description: Physiology/Anatomy is a laboratory course devoted to the structure and function of the human body. Cells, tissues, and major body systems, as well as their relationships to each other, will be explored. The disease process and protections against disease will be stressed. Students interested in the medical field, or students interested in learning more about themselves, are encouraged to take this class. This is a dissection class!

Course Title: AP Chemistry A & B
Credit: 2.0
Level: AP
Grade: 11, 12
Prerequisites: Physical Science, Algebra 1, Biology, Algebra 2, Honors Chemistry is strongly recommended
Course Description: This course is designed for interested and highly motivated students who have been successful in pervious science and math course including Algebra II. Students who desire Organic Chemistry may enroll for only AP Chemistry A. Students wishing to take the AP Chemistry exam must take both semesters. This is a college-level course with a lab emphasis with experiences related to the following areas: AP Chemistry A: Stoichiometry, Solutions, Gas Laws, Colligative Properties, Atomic Structure, Periodic Trends, Bonding Theory, Organic Chemistry, Thermodynamics. AP Chemistry B: Kinetics, Equilibrium, Acids/Bases, Thermodynamics, Electrochemistry, Nuclear Chemistry, Reaction Prediction
Course Title: Honors Scientific Research

Credit: .5 / 1.0  Level: H  Grade: 11, 12

Prerequisites: Physical Science, Algebra 1, Honors Chemistry (Statistics is helpful)

Course Description: This class is intended for junior and senior students, who are interested in developing an independent project that involves research, data collection and analysis. Students in AP Biology and AP Chemistry may be interested in taking this class because it provides them with instruction on research techniques, allows them time to develop the skills that are necessary to complete their projects, and provides them with access to necessary laboratory equipment. This class is offered during 1st block and may be taken for an entire block or as a skinny opposite music.
SOCIAL STUDIES COURSES

REQUIRED COURSES: These must be passed before you will be allowed to graduate.

FRESHMAN YEAR: Geography (one-half credit, G)
Survey of US Government (one-half credit, G)

SOPHOMORE YEAR: Survey of US History (one credit, G)

JUNIOR YEAR: World History (one-half credit, G or H)
Economics (one-half credit, G or H) (Personal Finance may be counted as Economics credit.)

SENIOR YEAR: One-half credit Social Studies elective --
EITHER Sociology (one-half credit, G)
OR Senior Civics (one-half credit, G)

The two-credit course, AP European History, may be taken during the junior or senior year. This course fulfills the requirement for World History and Sociology or Senior Civics.

A second two-credit course, AP English Language & Composition/AP US History, is offered to sophomores, juniors and seniors.

NOTE: H and AP courses are restricted to students with at least a 3.25 overall GPA.

PSYCHOLOGY: A one-credit Honors Psychology course is offered. It may NOT be counted as a part of the Social Studies requirement, but will count as an elective for graduation.

SOCIAL STUDIES COURSE SEQUENCE
**Course Title:** World Geography  
**Credit:** .5  
**Level:** G  
**Grade:** 9  
**Prerequisites:** None  
**Course Description:** World Geography is a one-term course that is required for all ninth grade students and required for graduation from high school. The course is a general introduction to geography through the use of the five themes of geography. The focus is on the many different peoples of the world and the physical and cultural forces that influence their lives. The course will emphasize the regions of the eastern hemisphere.

**Course Title:** Survey of US Government  
**Credit:** .5  
**Level:** G  
**Grade:** 9  
**Prerequisites:** None  
**Course Description:** US Government is a one-term course that focuses on our national government. The student will discover: the philosophical basis of, the impetus for, and the creation of our United States Constitution. Students will explore the operation of our national government today in relation to the principles found in the Constitution. One goal of this required course is to establish participating citizens in our democratic society.

**Course Title:** Debate & US Democracy  
**Credit:** 1.0  
**Level:** G  
**Grade:** 9, 10  
**Prerequisites:** 3.00 GPA or above (2.0 and higher may petition for admittance)  
**Course Description:** This course is both the entry-level debate course and the US government requirement for freshmen. It introduces students to the fundamentals and principles of academic debate through intense study of US government. The students will discover: the philosophical basis of, the impetus for, and the creation of our United States Constitution. The students will study advanced research and argumentation theories and practices as they relate to the national debate topic. The students will explore the operation and function of our national government today in relation to the principles found in the Constitution. Through intense study of the function and practice of debate in a democratic society, this course is designed to promote active citizenship and participation in the democratic process. Participation in two co-curricular debates is required to receive a grade above a ‘D’.  
**This course would be taken in place of both Speech 9 and Survey of US Government.**

**Course Title:** Survey of US History  
**Credit:** 1.0  
**Level:** G  
**Grade:** 10  
**Prerequisites:** World Geography & US Government  
**Course Description:** Survey of US History is structured so that students become knowledgeable about our nation’s past. The course includes a study of those individuals and issues which shaped our society in the past, and continues to shape it today. The course will span events from the Industrial Revolution through the present day.

**Course Title:** AP English Language & Composition / AP US History  
**Credit:** 1.0 in Language Arts & 1.0 in Social Studies  
**Level:** AP  
**Grade:** 10, 11, 12  
**Prerequisites:** World Geography & US Government w/3.25 GPA  
**Course Description:** This interdisciplinary course will combine a study of US History from 1492 to the present with appropriate fiction, drama, poetry, and non-fiction to illustrate the major trends, ideas, and periods. The composition component will demand intensive writing of narration, description, exposition, and argumentation. The course will focus upon analytical skills and factual knowledge necessary to deal critically with history and literature. A portion of the block will be used for cooperative learning groups, conferences, and individual research projects. Included in the assignments and projects will be videos, debates, primary document research, simulations, and map assignments. Cooperative groups will be used for composition, analysis of writing style, and testing series assignments.

**Course Title:** World History  
**Credit:** .5  
**Level:** G  
**Grade:** 11  
**Prerequisites:** World Geography, US Government & US History  
**Course Description:** This course covers a broad period of history from the 14th century to the present. Particular emphasis is paid to the development of Western Civilization in Europe from the Renaissance through the Cold War.
**Course Title:** Honors World History  
**Credit:** .5  
**Level:** H  
**Grade:** 11  
**Prerequisites:** World Geography, US Government & US History w/2.75 GPA  
**Course Description:** This course is designed for the student who is planning on attending college. There will be an intensive focus on proper writing skills that demonstrate the factual knowledge necessary to analyze historical themes. These themes include religion, government, philosophy, economics, and fine arts from the Renaissance through the Cold War. This course requires assignments, primary document readings and interpretation, and various projects that investigate course themes.

**Course Title:** Economics  
**Credit:** .5  
**Level:** G  
**Grade:** 11  
**Prerequisites:** World Geography, US Government, US History & World History  
**Course Description:** A study of the US economic system with particular emphasis placed on the flow of resources and their allocation. Topics will include: Factors of Production, Opportunity Cost, Scarcity, Money and Banking, International Trade and Monetary relations. The course includes the fundamentals of Capitalism with weekly reports on current discussions.

**Course Title:** Honors Economics  
**Credit:** .5  
**Level:** H  
**Grade:** 11  
**Prerequisites:** World Geography, US Government, US History & World History w/ 3.25 GPA  
**Course Description:** The Honors version of Economics shall have a higher degree of student achievement. The pace and the expectation of student performance will increase. Emphasis will be placed on the United States’ influence in the world economy.

**Course Title:** AP European History  
**Credit:** 2.0  
**Level:** AP  
**Grade:** 11, 12  
**Prerequisites:** World Geography, US Government & US History w/3.25 GPA  
**Course Description:** This is a two-credit course designed for the college-bound student who has demonstrated academic motivation, excellent reading ability, critical thinking skills, and who is capable of producing work of exemplary quality. The course will consider 16 historical epochs beginning with the European “Renaissance,” “Reformation,” and “Wars of Religion,” and ending with “The New World Order” and “The Post Industrial Age.” This course shall satisfy the requirements for World History and Sociology or Senior Civics.

**Course Title:** Honors Psychology  
**Credit:** 1.0  
**Level:** H  
**Grade:** 11, 12  
**Prerequisites:** 3.25 GPA  
**Course Description:** Honors Psychology is an academic class which requires a high level of reading, writing, and analysis and synthesis of theories. The area of study will include biological, cognitive, and environmental factors that explain why people behave the way they do. This class will cover the main psychological theories, such as psychoanalytical, behaviorism, humanism, socio-cultural, as well as their associated psychologists.

During the first term, we will explain the scientific method, biological factors for behavior, perception, operant and classical conditioning, learning and memory, and childhood development. The second half of this course will entail continuation of development into old age and death, personalities, psychological disorders, prejudice, discrimination, and conforming and obedience. This class will entail a research project or paper. This class gives a look into the human mind and attempts to answer the simple question, “Why do we do what we do?”

**Course Title:** Senior Civics  
**Credit:** .5  
**Level:** G  
**Grade:** 12  
**Prerequisites:** World Geography, US Government, US History, World History  
**Course Description:** The course is designed to be an extension of the initial US Government course taken during the freshman year. The course includes a study of contemporary political issues, civic participation and political parties with an emphasis on the role the parties play in the political process. This course is designed to promote active citizenship and participation in the democratic process.

**Course Title:** Sociology  
**Credit:** .5  
**Level:** G  
**Grade:** 12  
**Prerequisites:** World Geography, US Government & US History  
**Course Description:** The study of society through the exploration of human groups. Emphasis will be on comparative cultures and institutional order including the family, religion, education, politics, and the economic system. The study also includes an examination of contemporary social issues nationally and around the world--poverty, crime, race relations, population, human and natural resources.
AUTOMOTIVE COURSES

Course Title: Automotive Technology
Credit: 2.0  Prerequisites: none  Level: G  Grade: 11, 12
Course Description: Transportation, Distribution, & Logistics Career Cluster. The Automotive Technology Program is a detailed, comprehensive program for students interested in a career in the automotive industry. This program strives to provide students with a solid foundation based on automotive theory and commonly accepted industry practice. Instruction includes both classroom and structured lab work on automotive components and automobiles. The units of instruction are: General Shop Practice, Automotive Electrical Systems, Engine Performance (tune up, fuel systems, and computer controls), Short Block and Cylinder Head Service, Suspension, Steering and Brakes, Manual and Automatic Transmissions and Air Bag Systems.

Course Title: Introduction to Vehicle Systems & Maintenance
Credit: 1.0  Prerequisites: none  Level: G  Grade: 10, 11, 12
Course Description: Transportation, Distribution, & Logistics Career Cluster. This program will prepare students to meet the demand for vehicle maintenance, service and repair, and sales and support staff. Topics covered are: safety related to transportation systems and maintenance; proper application and maintenance of tools and equipment; principles of chemical, mechanical and physical functions of modern vehicle systems; document maintenance procedures; appropriate business practices; vehicle service and repairs; principles and operations of electrical systems; principles of automotive brakes, steering, suspension and automatic and manual transmission systems; and career opportunities in TDL.

Course Title: Introduction to Auto Body (Nonstructural Analysis and Damage Repair)
Credit: 0.5  Prerequisites: none  Level: G  Grade: 11, 12
Course Description: Transportation, Distribution, & Logistics Career Cluster. This program will concentrate on introductory auto body repair techniques at a basic level. Topics covered are: Automotive technology safety practices; nonstructural inspection and repair; body panel repair; metal finishing and body filling; repairing and replacing movable glass; metal welding and cutting; and plastic repairs and adhesives. Students will complete classroom and project based applications in the areas listed above.

CONSTRUCTION & BUILDING TRADES COURSES

Course Title: Introduction to Building Trades
Credit: 1.0  Prerequisites: none  Level: G  Grade: 10, 11, 12
Course Description: Architecture & Construction Career Cluster. Students will gain insight and practical skills in the area of building trades, construction and home improvement. Students will study safety procedures, construction math skills, hand, power and pneumatic tools, plumbing applications, electrical wiring applications and concrete construction applications. Students will complete classroom and hands on project based applications in the areas listed above.

Course Title: Residential Construction
Credit: 2.0  Prerequisites: none  Level: G  Grade: 11, 12
Course Description: Architecture & Construction Career Cluster. Upon successful completion of this course, students should have enough skills to get an entry-level job in carpentry. Students will spend time in the classroom for related information, and participate in actual on-the-job construction of a house from start to finish. Instruction and a limited amount of practice will be given in the following trades: electrical, plumbing, pricing, estimating, drywall, carpentry, and painting to assist students in making career choices.
ELECTRONICS & COMPUTER COURSES

Course Title: Electronics
Credit: 2.0
Prerequisites: Algebra 1
Level: G
Grade: 10, 11, 12

Course Description: Information Technology; Manufacturing; STEM; Transportation Career Clusters. This course is for students interested in gaining a basic knowledge of the principles used in common electronic devices. Electronics is a supporting knowledge for careers in automotive technology, manufacturing technology, robotics, communications, and medical equipment related careers. Lessons combine theory of operation with some hands-on experience covering the following competency areas: safety, how components work in basic circuits, and circuit analysis. Students will be introduced to microcontrollers and basic robotics. Students should have completed Algebra I.

Course Title: Wireless Technology
Credit: 1.0
Prerequisites: none
Level: G
Grade: 10, 11, 12

Course Description: Information Technology; Manufacturing; STEM; Transportation Career Clusters. This course is designed to provide students with tools and strategies to introduce basic electronics, the science of radio, space technology and satellite communications, wireless computer networks as well as weather science. The curriculum is designed for motivated students who want to learn more about wireless technology and acquire a better understanding of the devices that impact their lives every day. Students will also have the opportunity to earn a Federal Communications Commission (FCC) Technician Class operator license.

Course Title: Network/Computer Cabling
Credit: 1.0
Prerequisites: none
Level: G
Grade: 10, 11, 12

Course Description: Information Technology; Manufacturing Career Clusters. The cabling course is based on the C-Tech cabling courses. The introduction to network cabling for copper based systems allows students to become certified entry-level technicians in copper cabling. Students learn about proper tool use, construction techniques, industry standards, and troubleshooting and repair of network infrastructure. The introduction to network cabling for Fiber Optic based systems provides the student with the theoretical and hands-on knowledge of Fiber Optics. This portion also allows the students to become certified in fiber optic installation.

Course Title: Operating Systems
Credit: 0.5
Prerequisites: none
Level: G
Grade: 10, 11, 12

Course Description: Information Technology; Manufacturing Career Clusters. This class is designed to help students become more knowledgeable in the area of computer operating systems and network software through installation, troubleshooting, and hands-on activities related to operating systems. Topics in the class include the variety of computer operating systems, the evolution of operating systems, the changing worlds of Microsoft and Apple, and how to install and troubleshoot operating systems. We will also look at other applications that are included in the variety of operating systems.

Course Title: Computer Hardware
Credit: 1.0
Prerequisites: none
Level: G
Grade: 10, 11, 12

Course Description: Information Technology; Manufacturing Career Clusters. The computer hardware course will prepare students to become more knowledgeable about the inner workings of their personal computer through hardware troubleshooting and hands-on computer repair skills. Topics covered in the class include individual hardware components, upgrading and troubleshooting a computer, formatting and partitioning hard drives, and network topologies.

Course Title: Alternate Energy Systems
Credit: 0.5
Prerequisites: none
Level: G
Grade: 10, 11, 12

Course Description: Manufacturing; STEM Career Clusters. Alternate Energy systems play a critical role in everyday life, and as such are an important part of engineering. This course serves as an introductory course in alternative energy. This is a survey of wind, biomass, solar, geothermal, and other nontraditional energy sources, characteristics, and application by means of projects and hands-on activity and other experimental activities. This course also provides a close look at the “Green Automobiles” of the future.
HEALTH SCIENCE COURSES

Course Title: Health Science Careers I
Credit: 2.0  Prerequisites: none  Level: G  Grade: 11, 12
Course Description: Health Science Career Cluster. This course gives students an overview of the health care industry and its occupations. The course will utilize an integrated approach that will allow students to master medical terminology while gaining knowledge and understanding of the anatomy and physiology of the human body, as well as associated disease processes. This course will also include medical legal/ethical issues and professionalism in health care including critical thinking, teamwork, and how to meet patient needs. Students will begin to develop a vocational portfolio which will enhance future scholastic and professional endeavors. Students will have the opportunity to tour health care facilities in the community and will be able to shadow health care professionals. The students will interact with groups in the community ranging from preschool to the elderly. They will also participate in community service/volunteer projects.

Course Title: Health Science Careers II
Credit: 2.0  Prerequisites: Health Science I w/Instructor permission  Level: G  Grade: 12
Course Description: Health Science Career Cluster. This course will build upon knowledge and skills acquired in Health Science Careers I. Students will complete and earn certification in the AHA Heartsaver AED and Heartsaver First Aid programs. Additional projects will enable the second year Health Science Careers students to make valuable additions to their vocational portfolios. These portfolios have assisted students to earn scholarships and admission to post-secondary educational programs in the healthcare field. Students will participate in a 30-50 hour clinical experience within their preferred career interests. Students will develop and participate in several community service projects. Additional patient and bed-side skills will be included in this course. Students completing Health Science Careers I and II with a minimum grade of a B will qualify to take the South Dakota State CNA examination.

MACHINE TOOL & MANUFACTURING COURSES

Course Title: Machine Tool Technology I
Credit: 2.0  Prerequisites: none  Level: G  Grade: 10, 11, 12
Course Description: Manufacturing Career Cluster. This course gives students a well-rounded introduction to the machine tooling industry. In the machine shop program, students will become familiar with the following areas: drill press operations, engine lathe and production (turret) lathe set up, horizontal and vertical milling machines, surface grinders, and how these machines relate to industry. Students will also be instructed in tool sharpening, project planning and design, blueprint reading, and heat treatment of metals. Tours of local industries are also an important part of the course. These tours allow students to relate the work they do in school to an actual industrial setting, as well as give students a first-hand look at industry at work. Maintenance machining is also taught—this area gives students an opportunity to repair and recondition automobile or machinery parts. After completion of the course, students should be capable of going into industry at an entry-level job or going on to college or technical school. (Credit from this course will apply to some vocational/technical schools.) Students are encouraged to design and build personal projects late in the year.

Course Title: Machine Tool Technology II**
Credit: 2.0  Prerequisites: Machine Tool Tech I w/Instructor permission  Level: G  Grade: 11, 12
Course Description: Manufacturing Career Cluster. This is an advanced Machine Tool course providing students with a faster pace and more difficult projects. The course starts with a review from the previous year and moves directly into a class project. Students will be introduced to advanced concepts using the tool and cutter grinder, the Horizontal mill, the Vertical mill, and the turning lathes. Advanced grinding, milling, and turning techniques will be explored. (Credit from this course may apply to area post-secondary technical schools.) Students are encouraged to design and build personal projects as part of this course. **Machine Tool Technology III available upon completion of Machine Tool Technology I and II.

Course Title: Welding Technology I
Credit: .5  Prerequisites: none  Level: G  Grade: 10, 11, 12  PRF #13208
Course Description: Manufacturing Career Cluster. Students will complete classroom and hands on project based applications in the area of welding. The course will include welding safety; welding applications using various metal types; preparing base metals; wire feed welding machine set up and adjustment; and career exploration.
Course Title:  Welding Technology II  
Credit: .5  Prerequisites: Welding Technology I w/Instructor Permission  Level: G  Grade: 11, 12  PRF #13208  
Course Description: Manufacturing Career Cluster. This is an advanced course providing students with a faster pace and more difficult tasks. The course will start with a review and welding practice, and move on to advanced concepts and multiple weld positions. We will cover the needs of clamping and assembly processes of the parts for weld assembly. Students will also be encouraged to design and build personal projects as part of the course. Students may be expected to furnish some of their own materials.

AUDIO/VISUAL & COMMUNICATIONS COURSES

Course Title:  Radio & Television Production  
Credit: 2.0  Prerequisites: none  Level: G  Grade: 10, 11, 12  
Course Description: Arts, A/V Technology & Communications Career Cluster. This course will cover all aspects of television and radio. Fields of study include: Videography, Non-Linear Editing, Special Effects, Feature Films, Script Writing, Announcing, Digital Audio Recording, Reporting, Directing, Producing Television and Radio programs. Students will gain experience with live programming through sports broadcasting and other programs as seen on Cable 7 television.

Course Title:  Broadcast Journalism  
Credit: 1.0  Prerequisites: Radio/TV Prod or Journalism  Level: G  Grade: 10, 11, 12  
Course Description: Arts, A/V Technology & Communications Career Cluster. Students will produce a weekly school newscast to be broadcast on the school internal video system as well as on local cable channel 7. The news program will also be made available online. Students will also be responsible for delivery of the CHS daily announcements on the in-house video system. Lighting, teleprompter operation, videography, directing, reporting and planning, and pre-production will all be a part of this class.

ARTICULATION AGREEMENTS

The Hub Area Technical School has Articulation Agreements with several area Vocational Technical Schools and Universities. In some cases, Hub Area Technical School classes will qualify the student for a tuition reduction for certain classes or the student will receive credit for taking a Hub Area Technical School class. Contact the program instructor for more information.

CTE SCHOLAR DIPLOMA PROGRAM

High School senior students qualify for the SD Career and Technical Education (CTE) recognition program by completing the following:

1. Complete two (2) credits in approved CTE programs (all programs at the Hub Area Technical School qualify). OR
2. Complete one (1) credit in an approved CTE program and one credit in an approved supporting academic course such as advanced math, science, computers, etc. AND
3. Have a minimum of an A- average in all CTE courses and a 3.5 cumulative GPA.

The CTE Scholar program qualifies students for advanced placement opportunities and scholarships at South Dakota's post-secondary technical institutes.