

“Empowering All Students to Succeed
in a Changing World”

GOLDBOOK

2024-2025



ABERDEEN CENTRAL
HIGH SCHOOL

11/06/23

TABLE OF CONTENTS

Definition of Terms.....	1
Academic Course Load Requirements & Course Selection.....	1
Credit for Algebra 1 Taken in Middle School.....	1
Schedule Changes/Dropping Classes.....	1
Incompletes.....	1
Progress Reports.....	1
Report Cards & Parent/Teacher Conferences.....	1
Honor Roll and Merit Roll.....	1
Parent Portal.....	1
Early Graduation.....	2
Open Campus.....	2
Transcripts.....	2
Valedictorian/Salutatorian/Graduating with Honors.....	2
National Honor Society.....	2
Grading Scale/Weighted Grades.....	3
Non Discrimination Statement.....	3
ProStart Program.....	4
College Athletics.....	4
College Bound Students.....	4
Honors Courses.....	4
Advanced Placement Courses.....	4-5
SD Virtual School AP Online Courses.....	5
High School Dual Credit Program.....	5-6
Regents Scholar Diploma.....	7
SD Opportunity Scholarship.....	7
Build Dakota Scholarship.....	8
Dakota Corps Scholarship.....	8
Graduation Requirements/ NEW Endorsements.....	9-10
Credit Check.....	11
2024-2025 CTE and A-TEC Academy Course Offerings.....	12
Career Clusters.....	13-14
Quick List of CHS Courses.....	15-17

COURSE DESCRIPTIONS

Agriculture.....	18
Automotive.....	19
Business.....	20-21
Computers/Industrial Technology.....	21-22
Construction & Building Trades.....	23
Family and Consumer Science.....	23-25
Fine Arts.....	25-28
Health Science.....	29-30
Language Arts.....	30-33
Manufacturing.....	33
Math.....	34-35
Music.....	36-39
Physical Education/Health.....	40-41
Science.....	42-44
Social Studies.....	44-47
Television and Film.....	47-48
Theatre.....	48-49
World Language.....	49

CENTRAL HIGH SCHOOL



Dear Student and Parents

The purpose of the GOLDBOOK is to assist you in planning your high school educational program in order to meet graduation requirements and prepare you for your future beyond high school. The GOLDBOOK has been developed by Administration and Counselors with input from a wide variety of sources.

Please read the information carefully. Give careful consideration to those courses for this next school year 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 in the classes you have selected. Please remember that, based on your registration, staff members are hired and classes are offered.

Students will receive a registration form. Complete it carefully – including parent signature — and return it to your Advocate by the due date. It is our intention to be able get your schedules to you so you will have an opportunity to see your schedule prior to the last 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

Jason Uttermark
Principal

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.

- 0.5 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 Student Services.

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!

CREDIT FOR MIDDLE SCHOOL ALGEBRA 1

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.

SCHEDULE CHANGES AND DROPPING COURSES

Students have the first THREE days of each term to add and drop classes. 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.

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 to your student at the end of each grading period and are also viewable on Parent Portal. 4th term report cards will be mailed. 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.

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

EARLY GRADUATION

Any senior who meets Policy IFKA guidelines may be eligible to graduate early their senior year. This student and his/her parent/guardian need to meet with assigned School Counselor prior to October 1st of their Senior Year. Please visit with assigned school counselor for more information.

OPEN CAMPUS

Open Campus is considered available only to those seniors who exhibit the maturity to manage time not scheduled to be in a class. Open Campus is a privilege and can be revoked at any time for a variety of reasons. During Open Campus, students are to be in the library, the Commons Area, or completely off campus. If seniors are not in one of these areas, Open Campus privileges will be revoked.

In order to qualify for Open Campus seniors MUST meet the following requirements:

1. Must be in an average of three classes per term for the period that Open Campus is extended to them.
2. Must have earned a 2.5 grade point average the previous term on the weighted grading scale with no "F" or "I" on their report card.
3. Must have completed the SDMyLife senior requirements by the end of the previous term before Open Campus is granted.
4. Must complete Senior Conference with assigned School Counselor by end of semester one.
5. Signed Open Campus contract on file with the Registrar.

If a class is dropped with an "F" during a term, Open Campus privileges will be lost immediately. These privileges can only be reinstated by the principal or assistant principal.

TRANSCRIPTS

In order to have a transcript sent to a college or technical school a student needs to complete a transcript release. This form is now available online on the Student Services Webpage, under "Senior Class Information." Students can simply fill out the online request, once submitted the request will go directly to the school's registrar who will then send the transcript to where it needs to go. If an official transcript is requested, it must be stamped with the school seal. Transcripts should be sent at the time a student initially applies to a college or technical school as well as at the end of the school year.

VALEDICTORIAN/SALUTATORIAN/GRADUATING WITH HONORS CRITERIA

- All class rank is based on the weighted GPA.
- Valedictorian and Salutatorian competition is based on the Infinite Campus transcript calculated weighted GPA carried out to four decimal places with NO rounding.
- Valedictorian and Salutatorian competition ends at the completion of the 3rd term of a student's senior year, as does the calculation for Graduating with Honors.
- Interim grades from Dual Credit institutions or other institutions who do not issue formal 3rd term grades WILL NOT be used in the calculation for Valedictorian, Salutatorian, or Graduating with Honors.
- Graduating with Honors requires a 4.0000 accumulated weighted GPA.
- A student must have attended CHS for a minimum of three (3) years to qualify for the honors of Valedictorian and Salutatorian.
- Protests for final declarations should be made in writing to the Principal within five school days of notification. The Principal will respond to the student/parents issuing the protest within three school days.

NATIONAL HONOR SOCIETY

Seniors and juniors who have a 3.9 or higher cumulative GPA at the end or 3rd term, will receive a letter inviting them to apply to the Central High School's National Honor Society chapter, as they will have fulfilled the NHS Scholarship pillar. A second application deadline exists for seniors who have a 3.9 or higher GPA at the end of the 1st term of their Senior Year. These seniors will receive a letter inviting them to apply to NHS.

Students who submit a completed application will then be evaluated on the remaining NHS pillars of Service, Leadership and Character by the NHS Selection Committee.

Students who are selected will be notified via letter and will be inducted at a formal ceremony in the spring here at CHS.

GRADING SCALE

CHS operates on the A, B, C, D, and F grading system with “plus” and “minus” marks.

Other grades you may receive are: **NC** (no credit), **I** (incomplete), **W** (withdrawal) and **EX** (medical waiver for PE).

The following grading scale will be used by all teachers, and in all subjects.

100% =	A+	81-77 =	C
99-95% =	A	76-75 =	C-
94-93 =	A-	74-73 =	D+
92-91 =	B+	72-69 =	D
90-86 =	B	68-67 =	D-
85-84 =	B-	0-66 =	F
83-82 =	C+		

WEIGHTED GRADES

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 that shows the different weights for the different course levels.

	G	H	AP	ALT
A+	= 4.00	4.50	5.00	3.50
A	= 4.00	4.50	5.00	3.50
A-	= 3.67	4.17	4.67	3.17
B+	= 3.33	3.83	4.33	2.83
B	= 3.00	3.50	4.00	2.50
B-	= 2.67	3.17	3.67	2.17
C+	= 2.33	2.83	3.33	1.83
C	= 2.00	2.50	3.00	1.50
C-	= 1.67	2.17	2.67	1.17
D+	= 1.33	1.83	2.33	0.83
D	= 1.00	1.50	2.00	0.50
D-	= 0.67	1.17	1.67	0.17
F	= 0.00	0.00	0.00	0.00

NON-DISCRIMINATION STATEMENT

The Aberdeen School District 6-1 does not discriminate in its employment policies and practices or in its educational programs on the basis of race, color, creed, religion, age, sex, handicap, national origin, or ancestry.

Inquiries concerning the application of Title VI, Title IX, or Section 504 may be referred to the Superintendent, 1224 S 3rd Street, Aberdeen SD 57401, 605-725-7111, or to the South Dakota Regional Office for Civil Rights: Regional Director, Office of Civil Rights, U. S. Department of Education, 1010 Walnut Street, 3rd Floor, Suite 320, Kansas City, MO 64106, Telephone 816-268-0550

SECTION 4405, AFFIRMATIVE ACTION AND THE AMERICANS WITH DISABILITIES ACT

Persons with inquiries regarding compliance of Americans With Disabilities Act may contact the Superintendent of Schools at the District Service Center, 605-725-7100, 1224 S 3rd Street, Aberdeen SD 57401

PROSTART

ProStart is the premier culinary arts program for high school students. By taking classes, working in the food service industry, and passing the national tests, students can earn the National ProStart Certificate of Achievement (COA). Earning a COA can give students a leg up on job searches and opens the door to collegiate opportunities. Numerous restaurant, foodservice, and hospitality programs offer benefits to ProStart graduates. These benefits include scholarships, class credits, and credits toward work experience requirements.

COLLEGE ATHLETICS

NAIA:

- Students who wish to participate in NAIA athletics must have their eligibility determined by the NAIA Eligibility Center. Go to www.playnaia.org for more information and to register.

NCAA:

- Students who wish to participate in NCAA Division I & II athletics must have their eligibility determined by the NCAA Eligibility Center. Go to www.eligibilitycenter.org for more information and to register.
- Students should visit with their School Counselor to make sure they are taking NCAA approved courses as part of their eligibility.

COLLEGE BOUND STUDENTS

Students should check with individual colleges regarding class rank, required test scores, and curriculum requirements for admission. This information can be found on the college's website or by visiting with your School Counselor.

Admission Requirements for SD Public State Universities:

- Four credits of English
- Three credits of Advanced Math (Algebra 1 or higher)
- Three credits of Social Studies
- Three credits of Lab Science (Biology, Chemistry, Physics)
- One credit of Fine Art
- Students must also meet ONE of the following:
 - Rank in the top 60% of their high school graduating class;
 - OR achieve an ACT composite score of 18 or above or redesigned SAT score of 950 or above;
 - OR earn a GPA of at least 2.6 on a 4.0 scale in all high school courses.

A student can bypass the requirements listed above if they achieve a Level 3 or higher on the English Language Arts AND the Mathematics exams on the Smarter Balanced Assessment.

HONORS COURSES

Honors classes are designed for students who intend to further their education. Honors courses are assigned readings of 10-15 more pages a night and will cover more material in a given class period.

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. 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.

CHS 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 exams offered at Central High School in May. There is an exam fee of \$96 (in 2021) for each test taken. Advanced Placement courses may count as two credits toward graduation from CHS but count only as one credit toward the South Dakota Opportunity Scholarship.

AP Courses offered at Central High School:

- AP Biology
- AP Calculus AB
- AP Chemistry
- AP English Language and Composition
- AP English Literature and Composition
- AP European History
- AP US History

AP and College Admissions: Colleges and universities value students who take the most challenging courses available at their school. In fact, 85 percent of selective institutions report that a student's experience favorably impact admissions decisions. AP courses on your transcript show colleges that you are intellectually curious, unafraid of hard work, and capable of learning the knowledge and skills expected of college students. Your AP Exam scores provide colleges and universities with additional information about your ability to succeed in college-level study. If you would like to learn more about the college application process, click on "Get In" at <https://bigfuture.collegeboard.org/>.

How to Earn Credit for Your Scores: If you earn an AP Exam score of 3 or higher, chances are you can receive credit, advanced placement or both from your college---most colleges and universities in the United States and institutions in more than 60 other countries grant credit and placement for AP scores or acknowledge AP scores in the admission process.

How AP Can Help You Save on Cost of College: Students who take AP courses and exams are more likely to graduate from college in four years, while some students take five or six years, to earn bachelor's degrees at public colleges and universities. This means that the AP students who graduate on time save themselves and their families thousands or even tens of thousands of dollars in unnecessary college costs. Also, AP could increase your eligibility for scholarships. Thirty-one percent of colleges and universities consider a student's AP experience when making decisions about which student will receive scholarships. If you would like to learn more about college costs and financial aid, click on "Pay for College" at <https://bigfuture.collegeboard.org/>.

SOUTH DAKOTA VIRTUAL SCHOOL ONLINE AP COURSES

AP courses are full-year courses available online at the South Dakota Virtual School on a first-come, first-serve basis. One half credit is earned per semester. Mrs. Finnesand in A237 is the coordinator for these courses. Students must take corresponding AP exams at CHS in May for a fee upon completion of the courses. Courses are free of charge and include:

- AP Physics
- AP Biology
- AP Statistics
- AP Chemistry
- AP Calculus AB
- AP English Literature/Composition
- AP English Language/Composition
- AP US History

OTHER ONLINE ADVANCED PLACEMENT COURSES

Other providers (such as the Wisconsin Virtual School) are available to give students the option to take additional Advanced Placement not offered at CHS or through the SD Virtual School such as: AP World History, AP U.S. Government and Politics, and AP Human Geography. Students are responsible for paying for these courses themselves. These courses must be approved in advance by the CHS administration. See a counselor for more information.

DUAL CREDIT PROGRAM

South Dakota Regent Institutions:

Each of the six South Dakota Public Institutions of Higher Education (NSU, BHSU, DSU, SDSM&T, USD, and SDSU) offer a variety of courses meeting the SD BOR system general education requirements. Eligible high school juniors and seniors can participate in this program and receive BOTH high school and college credit at a reduced rate.

To qualify, students must meet one of the requirements listed under either Sections 1 (for seniors) & 2 (for juniors), OR all of the requirements under Section 3.

Students not meeting any requirements in Sections 1-3 may take and meet the required scores for an exam listed under Section 4 to qualify for the program.

1. **High School Seniors** wanting to take a Dual Credit course must meet ONE of the following:
 - a. Earn an ACT composite score of 21 or higher, reflective of the 50th percentile OR
 - b. Rank in the upper one-half of their graduating class OR
 - c. Have a cumulative **unweighted** GPA of 3.25 or higher on a 4.0 scale
2. **High School Juniors** wanting to take a Dual Credit course must meet ONE of the following:
 - a. Earn an ACT composite score of 24 reflective of the 70th percentile OR
 - b. Rank in upper one-third of their graduating class OR
 - c. Have a cumulative **unweighted** GPA of at least 3.50 on a 4.0 scale
3. High School Junior or Senior eligible to enroll in a high school in South Dakota who meets all of the following Undergraduate Admissions Requirements:
 - a. ACT score of 18 (or 21 for USD & SDSM&T) **AND**
 - b. Successful completion of coursework Requirements:
 - i. Four Credits of English
 - ii. Three Credits of Advanced Mathematics
 - iii. Three Credits of Lab Science
 - iv. Three Credits of Social Studies
 - v. One Credit of Fine Arts
4. Take one of the assessments below and meet the required score(s):
 - a. Smarter Balanced - Score Level 3 or higher on the English Language Arts (ELA) **AND** Mathematics 11th Grade Assessments OR
 - b. PreACT Exam Composite Score of 24 or higher OR
 - c. ACCUPLACER Next Generation (QAS (Quantitative Reasoning, Algebra & Statistics) - Score 255 or higher **AND** Writing - Score 263 or higher

South Dakota Technical Schools:

Students must meet the specific program requirements of the courses they are taking. Credit course lists and additional information are available at www.sdmylife.com/prepping-for-college/dual-credit

Application Process

When the Dual Credit registration window is open each semester, an email will be sent to the students k12 school email address from the school counselors in Student Services with instructions on how to get registered, along with the CHS specific contracts that must be completed.

Registration dates and application deadlines vary each semester, this information is communicated to students and parents when the time comes.

Dual Credit Course Info

Juniors and seniors are allowed to take up to ten hours of credit per semester.

Juniors can also take Dual Credit courses over the summer before senior year.

Students should try to not select classes that will conflict with Wednesday's advisory period. However, if there is a conflict, students will still be allowed to take classes as long as they make arrangements with their advisors to meet and make up missing work and pick up needed information.

Students are not to be on campus at CHS on days that their college classes do not meet.

Dual Credit Grade Weight Determinations

- The default grade weight for dual credit courses is the Honors Scale of 4.5 for an "A", etc.
- Grade weight for 300 and 400 level Dual Credit courses will be assigned in accordance to the AP Scale of 5.0 for an "A", etc.
- Any 100 or 200 level dual credit course that is a "natural continuation" of an AP course or requires a pre-requisite similar to an "Honors or AP" course will be awarded the grade weight for an AP scale.

Dual Credit and High School Credit Determination:

Students will earn high school credit for each Dual Credit course completed as outlined below:

- 2 credit Dual Credit Course = 0.67 High School Credit
- 3 credit Dual Credit Course = 1.0 High School Credit
- 4 credit Dual Credit Course = 1.33 High School Credit
- 5 credit Dual Credit Course = 1.67 High School Credit

Dual Credit and Graduation Requirements

A majority of credit received from Dual Credit courses will go towards a student's elective count for graduation. However, there are some Dual Credit courses that can count towards specific graduation requirements, an example would be Dual Credit Sociology counting towards the required Social Studies elective credit.

Students should see their assigned School Counselor to see what other Dual Credit courses can count towards specific graduation requirements.

Dual Credit Cost:

The SDBOR Dual Credit Program will allow students to complete high school course requirements while earning college credit at the rate of \$48.33 per credit hour. The remainder of the tuition cost will be paid by the State of South Dakota.

Dual Credit Financial Assistance:

Students can receive up to \$50 per course for textbooks through the Aberdeen Public Schools Foundation Office. The form is included in the Dual Credit packet. Turn in the form and all receipts to Mrs. Sutton.

Further Information

Students can obtain more information, what classes are being offered and Dual Credit contacts for each institution on the SDMyLife website at www.sdmylife.com/prepping-for-college/dual-credit

REGENT SCHOLAR DIPLOMA

Regents' Scholar Diploma program allows Central High School to recognize graduating high school seniors who have demonstrated academic excellence through the completion of the following requirements:

- Graduate from a South Dakota high school
- Complete the following coursework
 - 4 credits of English
 - 4 credits of Math – Algebra 1 and Higher
 - 4 credits of Science including 3 units of approved Laboratory Science
 - 3 units of Social Studies
 - 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
- Earn a “C” or higher on all required coursework
- Maintain a 3.0 or higher unweighted cumulative grade point average

High school graduates designated as Regents' Scholars received a Regent Scholar Diploma from the State of South Dakota, are recognized on the graduation program and are automatically admitted to all six public universities. (Students must still submit an application for admission)

For more information on the Regent Scholar Diploma, go to www.sdbor.edu.



SOUTH DAKOTA OPPORTUNITY SCHOLARSHIP

This is a GUARANTEED scholarship of up to \$6,500 for any senior who fulfills ALL of the following requirements.

- Have an ACT composite score of 24 or higher before the beginning of post-secondary education. If using a SAT score, the sum of the verbal and mathematics scores on the SAT must be at least 1090.
- Complete the following coursework: (Advanced Honors Endorsement)
 - 4 credits of English
 - 3 credits of Social Studies
 - 4 credits of Math - Algebra or Higher
 - 4 credits of Science, including 3 credits of approved laboratory science
 - 1 credit of Fine Arts
 - 2 credits of either of the following OR a combination of the two:
 - Approved Career and Technical Education Courses
 - Modern or Classical Language (Includes American Sign Language; all units must be in the same language)
 - 1/2 credit of Personal Finance or Economics
 - 1/2 credit of Physical Education
 - 1/2 credit of Health
- **NOTE:** *The curriculum requirements above are not required for any student who has an ACT composite score of at least 28 AND meets the ACT college readiness benchmarks scores equaling or exceeding 18 for English, 21 for Reading, 22 for Math, and 23 for Science.*
- Earn a “C” or higher in ALL required coursework
- Have a cumulative high school GPA of 3.0 on a 4.0 scale prior to graduation
- Attend a post-secondary institution in South Dakota.

Must enroll with the South Dakota post-secondary institution within 5 years of high school graduation, or within 1 year of the student's release from active duty military service (if that release is within 5 years of the date of the student's high school graduation).

For more information on this excellent scholarship opportunity, go to <https://sdos.sdbor.edu/>.

BUILD DAKOTA SCHOLARSHIP

This scholarship is available to students who are attending a South Dakota Technical School and majoring in an identified high need program.

This is a full ride scholarship, that will pay for all tuition, fees, book costs, and any other required program expenses.

Students who receive this scholarship must commit to working in South Dakota, in the high need career field they majored in, for a minimum of 3 years.

To be eligible for this scholarship, students:

- U.S. citizen or U.S. national (May be eligible if you have a green card and are eligible for federal financial aid.)
- Must complete the FAFSA (Federal Application for Federal Student Aid).
- Demonstrated aptitude through one or more of the following:
 - The National Career Readiness Certificate (NCRC) or other industry-recognized certifications in the career area.
 - Technical, dual or concurrent credit courses taken in the career interest area.
 - Career & Technical Education coursework completed in the career interest area.
 - Work-based learning experiences, internships or work experience in the career interest area.
- Enrolling as a first-time student in a high need program.

For more information on this great scholarship opportunity and to view what Technical School programs are Build Dakota eligible, go to www.builddakotascholarships.com.

DAKOTA CORPS SCHOLARSHIP PROGRAM

This is a full ride scholarship for South Dakota students attending any of the public and private colleges and universities in South Dakota or any of the Technical Institutes in South Dakota, and majoring in a critical need field. These critical need fields change somewhat each year, but often include teaching in Math, Science, CTE, world language and SPED, as well as the need for Nursing.

Students who receive the Dakota Corps Scholarship must commit to working in South Dakota, in that critical need career for the number of years it took to earn their degree, plus an additional year. For example, if a student took 4 years to earn their degree, they must work in South Dakota for a minimum of 5 years in that critical need field.

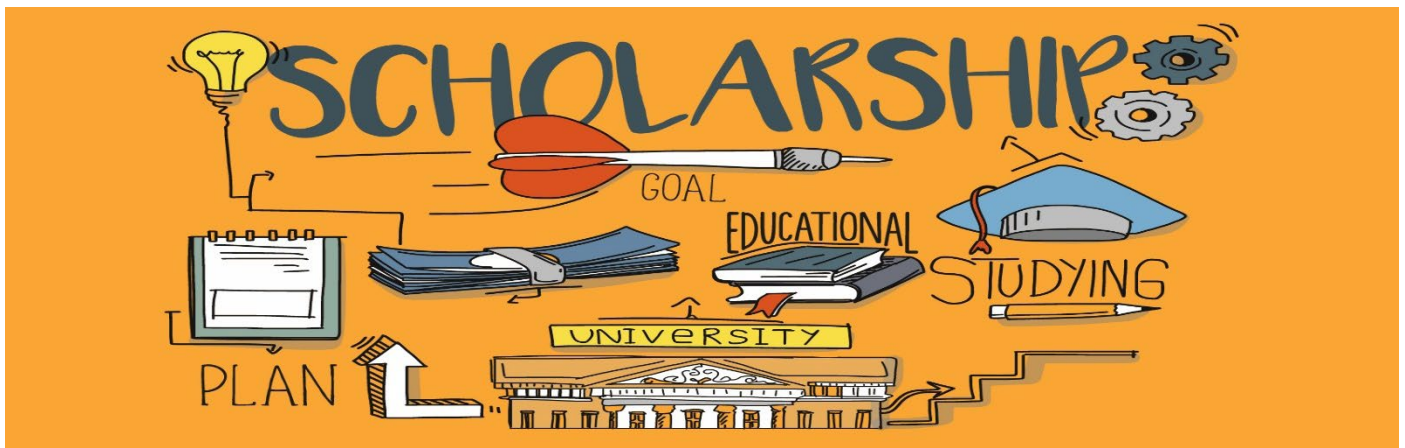
This is a VERY competitive scholarship!

To be eligible for this scholarship students MUST:

- Graduate from a South Dakota high school
- Have a cumulative GPA of 2.8 or higher
- Have an ACT composite score of 27 or higher
- Agree, in writing, to stay in South Dakota and work in a critical need occupation after graduation for as many years as the scholarship was received, plus one year.
- Attend a participating South Dakota post-secondary institution as an undergraduate student in a program that will prepare the student to work in a critical need occupation.
- Be a US Citizen or US National

For more information on the Dakota Corp Scholarship Program and what the critical need career fields are eligible, go to

<https://www.sdbor.edu/dakotacorps/Pages/welcome.asp>.



South Dakota High School Graduation Requirements

The new graduation requirements are structured in a similar way to college majors. All students pursue the same diploma but in addition to meeting the high school diploma course requirements, students may also earn advanced endorsements. These advanced endorsements are similar to college majors, signaling the coursework they have taken has a specific focus. Using that same idea, a student might have one major, or a double major or even a triple major! Let's take a look at what the new high school graduation requirements might look like for Central High School students.

CENTRAL HIGH SCHOOL MINIMUM GRADUATION REQUIREMENTS

Subject	Within Required Credits, Must Include:	Total Credits Required
English	0.5 credit English 1 0.5 credit Speech 1.0 credit English 2 1.0 credit English 3 1.0 credit English 4	4.0 credits
Mathematics	1.0 credit Algebra 1	3.0 credits
Science*	1.0 credit Biology	3.0 credits
Social Studies	1.5 Social Studies Elective 0.5 credit U.S. Government 1.0 credit of U.S. History	3.0 credits
Fine Arts		1.0 credit
Physical Education		1.0 credit
Health		1.0 credit
Personal Finance OR Economics		0.5 credit
Approved CTE – OR – World Language – OR – Capstone Experience		1.0 credit
Electives		7.5 credits
TOTAL		25 credits

NOTES:

- *A state-approved advanced computer science course (with a list of approved courses provided) may be substituted for 1 unit of science (not including Biology).

ADVANCED ENDORSEMENTS

Within the coursework outlined under South Dakota High School Diploma Requirements, a student may earn one (or more) of three advanced endorsements:

- **Advanced Endorsement:** Indicates a student has pursued coursework consistent with entrance requirements for postsecondary education at a university.
- **Advanced Career Endorsement:** Indicates a student has career experience in a concentrated area, based on academic and/or workplace experience and a related credential.
- **Advanced Honors Endorsement:** Indicates a student has pursued advanced rigorous, academic coursework consistent with §13-55-31.1 (High school course requirements for South Dakota Opportunity Scholarship eligibility)

Advanced endorsements outline specific coursework completed within the general high school diploma requirements to denote particular emphases. *(Substitutions noted above with an * do not apply to Advanced and Advanced Honors endorsement requirements. Highlighted areas show the distinctions for each endorsement.)*

****The Shaded Areas Indicate The Differences In Requirements For Each Endorsement.****

Subject	ADVANCED ENDORSEMENT		ADVANCED CAREER ENDORSEMENT		ADVANCED HONORS ENDORSEMENT	
	Within Required Credits MUST Include:	Total Credits Required	Within Required Credits MUST Include:	Total Credits Required	Within Required Credits MUST Include:	Total Credits Required
English	0.5 credit English 1 0.5 credit Speech 1.0 credit English 2 1.0 credit English 3 1.0 credit English 4	4.0 credits	0.5 credit English 1 0.5 credit Speech 1.0 credit English 2 1.0 credit English 3 1.0 credit English 4	4.0 credits	0.5 credit English 1 0.5 credit Speech 1.0 credit English 2 1.0 credit English 3 1.0 credit English 4	4.0 credits
Mathematics	1.0 credit Algebra 1 1.0 credit Geometry 1.0 credit Algebra 2	3.0 credits	1.0 credit Algebra 1	3.0 credits	1.0 credit Algebra 1 1.0 credit Geometry 1.0 credit Algebra 2 1.0 credit Math	4.0 credits
Science	1.0 credit Biology 2.0 credit other Lab Science	3.0 credits	1.0 credit Biology	3.0 credits	1.0 credit Biology 1.0 credit any Physical Science 1.0 credit Chemistry or Physics 1.0 credit Lab Science Elective	4.0 credits
Social Studies	0.5 credit U.S. Government 1.0 credit of U.S. History 1.5 credit Social Studies Electives	3.0 credits	0.5 credit U.S. Government 1.0 credit of U.S. History 1.0 credit of Social Studies Electives	3.0 credits	0.5 credit U.S. Government 1.0 credit of U.S. History 0.5 credit World Geography 0.5 credit World History 0.5 credit Social Studies Elective	3.0 credits
Fine Arts		1.0 credit		1.0 credit		1.0 credit
Physical Education		1.0 credit		1.0 credit		1.0 credit
Health		1.0 credit		1.0 credit		1.0 credit
Personal Finance OR Economics		0.5 credit		0.5 credit		0.5 credit
Approved CTE – OR – World Language – OR – Capstone Experience		1.0 credit	2 credits of either of the following OR a combination of the two: <ul style="list-style-type: none"> • Approved CTE credits from the same career cluster OR • Capstone Experience AND Attainment of an industry recognized credential OR National Career Readiness Certificate (NCRC) of Silver or higher	2.0 credit	2 credits of either of the following OR a combination of the two: <ul style="list-style-type: none"> • Approved CTE courses • Modern or Classical Language (including Sign Language); units MUST be in the same language 	2.0 credit
Electives		7.5 credits		6.5 credits		4.5 credits
TOTAL		25 credits		25 credits		25 credits

CENTRAL HIGH SCHOOL CREDIT CHECK FORM

Student Name: _____ SID# _____ Grade _____ Date _____

SUBJECT/ Minimum Credits									Any classes taken in shaded area will count towards Elective Credits				CURRENT CREDITS	# OF CREDITS NEEDED
English 4.0 credits	Eng 1	Speech	Eng 2A	Eng 2B	Eng 3A	Eng 3B	Eng 4A	Eng 4B						
Math* 3.0 credits	Algebra 1A	Algebra 1B												
Science* 3.0 credits	Biology A	Biology B												
Social Studies 3.0 credits	SS Elective	SS Elective	SS Elective	US History A	US History B	Gov.								
Personal Finance OR Economics 0.5 credit														
Health 1.0 credit	First Aid & CPR	Nutrition & Wellness												
Fine Arts* 1.0 credit														
P.E. 1.0 credit														
Required Offering* 1.0 credit														
World Language* 7.5														
Electives 7.5														
<p>* 1 credit = Two successfully completed terms; ½ credit = One term of successfully completed work.</p> <p>* College bound students should strongly consider taking math (Algebra 1 and higher) for 4 years.</p> <ul style="list-style-type: none"> • SD Opportunity Scholarship and the Regent Scholar Diploma require 4 credits of Math <p>*SD Opportunity Scholarship and the Regent Scholar Diploma require 4 credits of Science</p> <p>* Some out of State colleges require 2 years of a single World Language for admission, be sure to do your research if looking at out of state schools.</p> <p>* Fine Arts includes Choir/Band/Any of the Fine Art Classes</p> <p>* Required Offering is 1.0 credit of World Language/CTE courses or a combination of the two</p>									<p>Total Credits Needed to Graduate = 25 (each square is .5 credits)</p>					

2024-2025 ABERDEEN CENTRAL HIGH SCHOOL CTE COURSE OFFERINGS & CAREER CLUSTERS

Agriculture, Food & Natural Resources	Architecture & Construction	Arts, Audio/Video Technology & Communications	Business Management & Administration
Entrepreneurship Fundamental Animal Science Advanced Animal Science Companion Animals Wildlife & Fisheries Food Science Fundamental Horticulture Internship 1 Internship 2	Intro to Building Trades Residential Construction Construction Equipment I Entrepreneurship Internship 1 Internship 2	Web Page Design Fashion Design Interior Design Entrepreneurship Internship 1 Internship 2	Personal Finance Intro to Business Web Page Design Entrepreneurship Personal & Business Law Accounting 1 Honors Accounting 2 Internship 1 Internship 2
Education & Training	Finance	Government & Public Administration	Health Science
Child Dev. – Prenatal/Toddler Child Dev. – Preschool/School Age Intro to Education & Training Entrepreneurship Internship 1 Internship 2	Personal Finance Intro to Business Accounting 1 Honors Accounting 2 Personal & Business Law Entrepreneurship Internship 1 Internship 2	Entrepreneurship Internship 1 Internship 2	Health Science Careers 1 Health Science Careers 2 Medical Terminology Emergency Medical Technician Emergency Medical Responder Intro to Sports Medicine & Athletic Training Intro to Emergency Med Services Entrepreneurship Internship 1 Internship 2
Hospitality & Tourism	Human Services	Information Technology	Law, Public Safety & Security
Food Concepts Advanced Food Concepts Culinary Arts Pro Start I Culinary Arts Pro Start II Entrepreneurship Internship 1 Internship 2	Child Dev. – Prenatal/Toddler Child Dev. – Preschool/School Age Relationships Across the Lifespan Resources & Services for Life Food Concepts Advanced Food Concepts Personal & Business Law Accounting 1 Entrepreneurship Internship 1 Internship 2	Entrepreneurship Web Page Design App Programming Intro to Information Technology Network Technology Computer Programming Cybersecurity Internship 1 Internship 2	Personal & Business Law Entrepreneurship Internship 1 Internship 2
Manufacturing	Marketing	STEM	Transportation, Distribution & Logistics
Machine Tool Technology 1 Machine Tool Technology 2 Welding Technology 1 Welding Technology 2 Entrepreneurship Internship 1 Internship 2	Introduction to Business Personal & Business Law Personal Finance Accounting 1 Web Page Design Entrepreneurship Internship 1 Internship 2	Computer Programming Entrepreneurship Robotics Robotics II Internship 1 Internship 2	Automotive Technology Intro to Vehicle Systems & Maintenance Intro to Auto Body Intro to Diesel Technology Entrepreneurship Internship 1 Internship 2

AGRICULTURE, FOOD & NATURAL RESOURCES

Agriculture, food and natural resources encompasses one of South Dakota's biggest industries, and virtually everyone on the planet is impacted by it. This cluster prepares learners for careers in the planning, implementation, production, management, processing and marketing of agricultural commodities and services.

CAREER PATHWAYS:

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

ARTS, A/V TECHNOLOGY & COMMUNICATIONS

Creative students who see themselves designing, producing, exhibiting, writing and publishing multimedia content are fit for a career in the Arts, A/V Technology and Communications career cluster. You will apply artistic talent to practical problems and learn visual arts principles that prepare you with skills and techniques to work in any number of creative design and entertainment fields.

CAREER PATHWAYS:

- A/V Technology & Film
- Printing Technology
- Visual Arts
- Performing Arts
- Journalism & Broadcasting
- Telecommunications

ARCHITECTURE & CONSTRUCTION

Workers in this field design, plan, manage, build and maintain the built environment. If you enjoy working on new structures, restorations, additions, alterations and repairs, a career in this field might be for you.

CAREER PATHWAYS:

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

BUSINESS MANAGEMENT & ADMINISTRATION

Business Management and Administration careers encompass planning, organizing, directing and evaluating business functions that are essential to efficient and productive business operations. Career opportunities are available in every sector of the economy and require specific skills in organization, time management, customer service and communication.

CAREER PATHWAYS:

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

EDUCATION & TRAINING

This diverse cluster prepares learners for careers in planning, managing and providing education and other related learning support services. If you enjoy motivating others, working with children, assisting those who need help and seeing others succeed, a career in the Education and Training cluster may be for you.

CAREER PATHWAYS:

- Teaching/Training
- Professional Support Services
- Administration & Administration Support

GOVERNMENT & PUBLIC ADMINISTRATION

Professionals in this cluster plan and execute government functions at local, state and federal levels. Anyone who has a hand in the day-to-day operations of the government works within this cluster. If you have a passion for serving our country and are an organized individual, this cluster may be for you.

CAREER PATHWAYS:

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

FINANCE

Money is what makes the world go round. OK, maybe not...but to those hard at work in the Finance cluster, sometimes it can sure feel like it! If you speak the language of mathematics fluently, finance is likely a good place for you. And the Finance cluster is always in need of a good analytical mind. South Dakota is a central hub for some of the biggest banks in the nation---including Citibank, Wells Fargo and Premier Bankcard.

CAREER PATHWAYS:

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

HEALTH SCIENCE

This cluster orients students with careers that promote health, wellness and diagnosis as well as treat injuries and diseases. Some of the careers involve working directly with people, while others involve researching, collecting, and formatting data and information. If these topics interest you, Health Sciences might be the way to go.

CAREER PATHWAYS:

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

<p style="text-align: center;"><u>HOSPITALITY & TOURISM</u></p> <p>This is a prominent career cluster in the Mount Rushmore state! This cluster prepares individuals for employment in careers that work with food/beverage services, lodging, travel and tourism, recreation, amusement and attractions. If you are intrigued by the idea of helping others explore the beauty, culture and cuisine of the world around them, a career in Hospitality and Tourism may be for you.</p> <p style="text-align: center;">CAREER PATHWAYS: Restaurants & Food/Beverage Services Lodging Travel & Tourism Recreation, Amusements & Attractions</p>	<p style="text-align: center;"><u>INFORMATION TECHNOLOGY</u></p> <p>With technology constantly changing and advancing, this cluster is sure to have an ongoing high demand of workers. If you are skilled in keeping up with the constantly advancing technology industry, this cluster may have the right career for you.</p> <p style="text-align: center;">CAREER PATHWAYS: Network Systems Information Support & Services Web & Digital Communications Programming & Software Development</p>
<p style="text-align: center;"><u>HUMAN SERVICES</u></p> <p>The Human Services cluster includes careers that improve quality of life and promote safe, healthy communities. Workers in human services better our lives by tending to our psychological, social and physical needs. If you are looking for a job relating to families and human needs, check out the careers in this cluster.</p> <p style="text-align: center;">CAREER PATHWAYS: Early Childhood Development & Services Counseling & Mental Health Services Family & Community Services Personal Care Services Consumer Services</p>	<p style="text-align: center;"><u>LAW, PUBLIC SAFETY, CORRECTIONS & SECURITY</u></p> <p>This cluster prepares students for careers in planning, managing and providing legal services including homeland security, public safety and protective services. If you feel you would enjoy an occupation where you can serve and protect a career in this cluster may be just what you are looking for.</p> <p style="text-align: center;">CAREER PATHWAYS: Correction Services Emergency & Fire Management Services Security & Protective Services Law Enforcement Services Legal Services</p>
<p style="text-align: center;"><u>MANUFACTURING</u></p> <p>Manufacturing is one of South Dakota's in-demand industries. If you are interested in planning, managing and performing the processing of materials into final products, a career in this cluster may be for you.</p> <p style="text-align: center;">CAREER PATHWAYS: Production Manufacturing Production Process Development Maintenance, Installation & Repair Quality Assurance Logistics & Inventory Control Health, Safety & Environmental Assurance</p>	<p style="text-align: center;"><u>SCIENCE, TECHNOLOGY, ENGINEERING & MATH (STEM)</u></p> <p>Workers in this cluster provide solutions to technical problems across many industries. If you think creatively, wonder how to make things better and can apply what you have learned in math and science classes to solve real-world problems, a career in STEM may be for you.</p> <p style="text-align: center;">CAREER PATHWAYS: Engineering & Technology Science & Mathematics</p>
<p style="text-align: center;"><u>MARKETING</u></p> <p>This cluster is ideal for creative individuals who still get a thrill out of giving a sales pitch. Creativity paired with solid people skills are essential in the marketing cluster. Effective communication is also a must. Since most of what we buy is fulfilling a want rather than an actual need, consumers are largely driven by effective marketing. Today's global marketplace has made the industry even more competitive. People representing this cluster largely influence our decisions to buy through brand advertising, creative messaging and product placement.</p> <p style="text-align: center;">CAREER PATHWAYS: Marketing Management Professional Sales Merchandising Marketing Communications Market Research</p>	<p style="text-align: center;"><u>TRANSPORTATION, DISTRIBUTION & LOGISTICS</u></p> <p>In this career cluster, professionals are involved in the planning, management and movement of people, materials and products by road, air, and water. If you are always on the go, this cluster may have a career for you.</p> <p style="text-align: center;">CAREER PATHWAYS: Transportation Operations Logistics Planning & Management Services Warehousing & Distribution Center Operations Facility & Mobile Equipment Maintenance Transportation Systems/Infrastructure Planning, Management & Regulation Health, Safety & Environmental Management Sales & Service</p>

Quick List of CHS Courses

Agriculture – Page 18	Terms	Credit	Open to:	Pre-requisite
Fundamental Animal Science (CTE)	1	0.50	9, 10, 11, 12	None
Advanced Animal Science (CTE)	1	0.50	9, 10, 11, 12	Fundamental Animal Science
Companion Animals (CTE)	1	0.50	9, 10, 11, 12	None
Wildlife and Fisheries (CTE)	1	0.50	9, 10, 11, 12	None
Food Science (CTE)	1	0.50	9, 10, 11, 12	None
Fundamental Horticulture (CTE)	1	0.50	10, 11, 12	None
Automotive – Page 19	Terms	Credit	Open to:	Pre-requisite
Automotive Technology (CTE)	4	2.00	10, 11, 12	None
Introduction to Auto Body (CTE)	1	0.50	11, 12	None
Introduction Vehicle Systems & Maintenance (CTE)	1	0.50	9, 10, 11, 12	None
Introduction to Diesel Technology (CTE)	1	0.50	10, 11, 12	None
Business – Pages 20-21	Terms	Credit	Open to:	Pre-requisite
Accounting 1 (CTE)	2	1.00	10, 11, 12	None
Entrepreneurship (CTE)	1	0.50	11, 12	None
Honors Accounting 2 (CTE)	2	1.00	10, 11, 12	Accounting 1
Internship 1 / Internship 2 (CTE)	1	0.50	11, 12	None
Introduction to Business (CTE)	1	0.50	9, 10, 11, 12	None
Personal Finance (CTE)	1	0.50	9, 10, 11, 12	None
Personal & Business Law (CTE)	1	0.50	9, 10, 11, 12	None
Sports & Entertainment Marketing	1	0.50	9, 10, 11, 12	None
Computers/Information Technology – Pages 21-22	Terms	Credit	Open to:	Pre-requisite
App Programming (CTE)	1	0.50	9, 10, 11, 12	None
Computer Programming (CTE)	1	0.50	10, 11, 12	None (keyboarding helpful)
Intro to Information Technology (CTE)	1	0.50	9, 10, 11, 12	None
Network Technology (CTE)	1	0.50	10, 11, 12	None
Robotics (CTE)	1	0.50	9, 10, 11, 12	None
Robotics II (CTE)	1	0.50	9, 10, 11, 12	Robotics
Cybersecurity (CTE)	1	0.50	9, 10, 11, 12	None
Web Page Design (CTE)	1	0.50	10, 11, 12	None
Construction & Building Trades – Page 23	Terms	Credit	Open to:	Pre-requisite
Introduction to Building Trades (CTE)	2	1.00	10, 11, 12	None
Residential Construction (CTE)	4	2.00	11, 12	None
Construction Equipment I (CTE)	1	0.50	11, 12	None
Family & Consumer Science – Pages 23-25	Terms	Credit	Open to:	Pre-requisite
Advanced Food Concepts (CTE)	1	0.50	9, 10, 11, 12	Food Concepts
Child Dev / Prenatal to Toddler (CTE)	1	0.50	9, 10, 11, 12	None
Child Dev / Preschool to School-Age (CTE)	1	0.50	10, 11, 12	Child Dev/Prenatal to Toddler recommended
Culinary Arts I (CTE) ProStart Program	2	1.00	10, 11, 12	Advanced Food Concepts REQUIRED
Culinary Arts II (CTE) ProStart Program	2	1.00	10, 11, 12	Culinary Arts I
Fashion Design (CTE)	1	0.50	9, 10, 11, 12	None
Food Concepts(CTE)	1	0.50	9, 10, 11, 12	None
Interior Design (CTE)	1	0.50	10, 11, 12	None
Intro to Education and Training (CTE)	1	0.50	11, 12	None
Relationships Across the Lifespan (CTE)	1	0.50	11, 12	None
Resources & Services for Life (CTE)	1	0.50	10, 11, 12	None
Fine Arts – Pages 25-28	Terms	Credit	Open to:	Pre-requisite
Portfolio Art	2	1.00	10, 11, 12	Comprehensive Art OR Draw 1
Honors Portfolio Art	2	1.00	10, 11, 12	Portfolio Art, OR 2 upper level art class
Comprehensive Art	1	0.50	9, 10, 11, 12	None
Graphic Design 1	1	0.50	9, 10, 11, 12	Drawing 1 or Comprehensive Art Recommended
Graphic Design 2	1	0.50	10, 11, 12	Graphic Design 1
Digital Photography 1	1	0.50	9, 10, 11, 12	None
Digital Photography 2	1	0.50	10, 11, 12	Digital Photography 1
Drawing 1	1	0.50	9, 10, 11, 12	None
Drawing 2	1	0.50	9, 10, 11, 12	Drawing 1
Painting 1	1	0.50	10, 11, 12	Comprehensive Art OR Drawing 1
Painting 2	1	0.50	10, 11, 12	Painting 1

Ceramics/Pottery	2	1.00	11, 12	Comprehensive Art <u>OR</u> Draw 1 <u>AND</u> Sculpt. 1
Sculpture 1	1	0.50	10, 11, 12	Comprehensive Art <u>OR</u> Drawing 1
Photojournalism 1 – Yearbook	1	0.50	9, 10, 11, 12	None
Photojournalism 2 - Yearbook	1	0.50	10, 11, 12	Photojournalism 1 OR Digital Photography I
Photojournalism 3 - Yearbook	2	1.00	10, 11, 12	Photojournalism 2 OR Graphic Design 1 AND Digital Photography I
Honors Photojournalism 3 – Yearbook	2	1.00	11, 12	Student Application OR Teacher Referral
Health Science – Pages 29-30				
	Terms	Credit	Open to:	Pre-requisite
Health Science Careers I (CTE)	2	1.00	11, 12	Health – First Aide & CPR <i>Completion of Honors Anatomy/Physiology Recommended</i>
Health Science Careers II (CTE)	2	1.00	11, 12	Health Science Careers I & Health – First Aide & CPR <i>Completion of Honors Anatomy/Physiology Recommended</i>
Intro to Sports Med & Athletic Training (CTE)	1	0.50	10, 11, 12	None
Medical Terminology (CTE)	1	0.50	11, 12	Health – First Aide & CPR <i>Completion of Honors Anatomy/Physiology Recommended</i>
Introduction to Emergency Medical Services (CTE)	1	0.50	11, 12	Health – First Aide & CPR & Medical Terminology
Emergency Medical Responder (EMR)	1	0.50	11, 12	Health – First Aide & CPR
Emergency Medical Responder & Emergency Medical Technician (EMT)	4	2.0	11, 12	Health – First Aide & CPR
Language Arts Courses – Pages 30-33				
	Terms	Credit	Open to:	Pre-requisite
AP English Lit & Comp A & B	4	2.00	11, 12	9th & 10th LA courses; 3.0 GPA Recommended
AP English Language & Composition A & B	4	2.00	10, 11, 12	Eng 1, Speech; 3.0 GPA Recommended
Creative Writing	1	0.50	10, 11, 12	None - this is an elective credit
English 1	1	0.50	9	None
English 2 A & B	2	1.00	10	Eng 1 & Speech
English 3 A & B	2	1.00	11	Eng 1, Speech, Eng 2
English 4 A & B	2	1.00	12	Eng 1, Speech, Eng 2, Eng 3
H Debate & US Democracy	2	1.00	9, 10	3.0 GPA Recommended
Honors Advanced Debate	1	0.50	10, 11, 12	None - this is a fine arts credit
Honors Advanced Oral Interpretation	1	0.50	10, 11, 12	Oral Interp or Debate
Honors English 2 A & B	2	1.00	10	Eng 1 & Speech; 3.0 GPA Recommended
Honors English 3 A & B	2	1.00	11	Eng 2, Speech, Eng 2, 3.0 GPA Recommended
Honors English 4 A & B	2	1.00	12	Eng 1, Speech, Eng 2, Eng 3, 3.0 GPA Recommended
Oral Interpretation	1	0.50	9, 10, 11, 12	None <i>*This course CAN count towards Speech credit*</i>
Speech I	1	0.50	9, 10, 11, 12	None
Manufacturing – Page 33				
	Terms	Credit	Open to:	Pre-requisite
Machine Tool Tech I (CTE)	4	2.00	10, 11, 12	None
Machine Tool Tech II (CTE)	4	2.00	11, 12	Machine Tool Tech I w/ Instructor permission
Welding Technology I (CTE)	1	0.50	10, 11, 12	None
Welding Technology II (CTE)	1	0.50	11, 12	Welding Tech I w/ Instructor permission
Mathematics Courses – Pages 34-35				
	Terms	Credit	Open to:	Pre-requisite
Advanced Math A & B	2	1.00	10, 11, 12	C or Above in Alg 1 and Alg 2 / w tchr rec
Algebra 1 A & B	2	1.00	9, 10, 11, 12	8th grade math
Algebra 2 A & B	2	1.00	10, 11, 12	Algebra 1, (Geometry recommended not required)
AP Calculus A & B	4	2.00	11, 12	H Pre-Calculus
Geometry A & B	2	1.00	9, 10, 11, 12	Algebra 1
Honors Algebra 2 A & B	2	1.00	10, 11, 12	H Geometry or teacher recommend
Honors Geometry A & B	2	1.00	9, 10, 11, 12	Algebra 1, or teacher recommend
Honors Pre-Calculus A & B	2	1.00	10, 11, 12	H Algebra 2 or Advanced Math
Occupational Math A & B	2	1.00	9, 10, 11, 12	None
Music Courses – Pages 36-39				
	Terms	Credit	Open to:	Pre-requisite
Eagle Band			9	Proficient on instrument OR 2 years experience
Concert Band			10, 11, 12	Two years previous training
H Symphonic Band			11, 12	Two years previous training
Eagle Choir			9	Strong interest in singing
Concert Choir			10, 11, 12	Strong interest in singing
H Acappella			10, 11, 12	Successful audition
Eagle Orchestra			9	Middle School orchestra or private lessons
Concert Orchestra			10, 11, 12	Eagle Orchestra or private lessons
H Symphony Orchestra			11, 12	Successful audition plus minimum of 1yr High School experience

Color Guard			9, 10, 11, 12	By audition only
Basic Piano Keyboarding			9, 10, 11, 12	Offered T3 & 4, S2, opposite Concert Choir
PE / Health Courses – Pages 40-41	Terms	Credit	Open to:	Pre-requisite
Health -First aid & CPR	1	0.50	9, 10, 11, 12	
Health -Nutrition & Wellness	1	0.50	9, 10, 11, 12	
Cardio Fitness	1	0.50	9, 10, 11, 12	
Fitness for Life	1	0.50	10, 11, 12	
Outdoor Recreation	1	0.50	9, 10, 11, 12	
Lifetime Activities	1	0.50	9, 10, 11, 12	
Recreational (Rec) Sports	1	0.50	9, 10, 11, 12	
Team Sports	1	0.50	9, 10, 11, 12	
Theory of Coaching	1	0.50	10, 11, 12	
Walk-a-cise	1	0.50	9, 10, 11, 12	
Weight Training	1	0.50	9, 10, 11, 12	
Weight Training 2 (Advanced)	1	0.50	10, 11, 12	Weight Training
Sports Officiating	1	0.50	10, 11, 12	
Science Courses – Pages 42-44	Terms	Credit	Open to:	Pre-requisite
AP Biology A & B	4	2.00	11, 12	Alg 1, H Chem, Alg 2
AP Chemistry A & B	4	2.00	11, 12	Alg 1, Biology, Alg 2, H Chem recommended
Astronomy	1	0.50	9, 10, 11, 12	Algebra 1
Biology A & B	2	1.00	9, 10, 11, 12	None
Chemistry A & B	2	1.00	10, 11, 12	Algebra 1
Forensic Science	1	0.50	10, 11, 12	Biology, Algebra 1, Chemistry recommended
Honors Biology A & B	2	1.00	10, 11, 12	Algebra 1
Honors Chemistry A & B	2	1.00	10, 11, 12	Algebra 1
Honors Physics A & B	2	1.00	10, 11, 12	Alg 1, Geometry & Algebra 2 strongly rec.
Honors Physiology/Anat A & B	2	1.00	11, 12	Alg 1, Biology, H Chem or Chem w/recom
Physics A & B	2	1.00	9, 10, 11, 12	Algebra 1
Social Studies – Pages 44-47	Terms	Credit	Open to:	Pre-requisite
America and the World Today	1	0.5	9, 10, 11, 12	SS Elective credit
AP European History A & B	4	2.00	10, 11, 12	SS Elective credit
Honors US History	2	1.00	11, 12	
AP US History A & B	4	2.00	11, 12	3.0 GPA Recommended
Criminal Justice (Legal Systems)	1	0.5	9, 10, 11, 12	SS Elective credit
Economics	1	0.5	11, 12	
Honors Debate & US Democracy	2	0.5	9, 10	3.0 GPA Recommended (Government & Speech Credit)
Honors Economics	1	0.5	11, 12	3.0 GPA Recommended
Honors Psychology A & B	2	1.00	11, 12	3.0 GPA Recommended, SS Elective credit
Honors World History	1	0.5	10, 11	SS Elective credit
Regional American Indian Studies	1	0.5	9, 10, 11, 12	SS Elective credit
Sociology	1	0.5	11, 12	SS Elective credit
US Government	1	0.5	12	
US History A & B	2	1.00	11	
World Geography	1	0.5	9	SS Elective credit
World History	1	0.5	10	SS Elective credit
Television and Film – Page 47-48	Terms	Credit	Open to:	Pre-requisite
Multimedia Design	1	0.50	9, 10, 11, 12	None
Media Production I	2	1.00	10, 11, 12	Intro to Audiovisual Tech & Communication
Media Production II	2	1.00	11, 12	Media Production I
Broadcast Technology I	2	1.00	10, 11, 12	Intro to Audiovisual Tech & Communication
Introduction to Audiovisual Technology & Communications	2	1.00	10, 11, 12	None
Broadcast Technology II	2	1.00	10, 11, 12	Intro to Audiovisual Tech & Communication AND Broadcast Tech I
Theatre – Page 48-49	Terms	Credit	Open to:	Pre-requisite
Introduction to Theatre	1	0.5	9, 10, 11, 12	None
Introduction to Acting	1	0.5	9, 10, 11, 12	None
Stagecraft	1	0.5	10, 11, 12	None
World Language – Page 49	Terms	Credit	Open to:	Pre-requisite
French 1 A & B	2	1.00	9, 10, 11, 12	None
French 2 A & B	2	1.00	9, 10, 11, 12	French 1
Spanish 1 A & B	2	1.00	9, 10, 11, 12	None
Spanish 2 A & B	2	1.00	9, 10, 11, 12	Spanish 1

Agriculture

Course Title: Fundamental Animal Science (CTE)

Credit: 0.5 **Prerequisites: None** **Level: G** **Grade: 9, 10, 11, 12**

Course Description: This course will include the study of Ag animal anatomy and physiology, various ag breeds, ag animal safety, nutrition, health, reproduction and genetics. This course will also expose students to the history and development of the livestock industry in South Dakota, as well as marketing strategies.

Course Title: Advanced Animal Science (CTE)

Credit: 0.5 **Level: G** **Grade: 9, 10, 11, 12**

Prerequisite: Successful Completion of Fundamental Animal Science

Course Description: This course is designed to advance knowledge and skills necessary to care for and meet the need of animals. Topics covered include animal health care practices, nutrition management, reproductive practices, medical terminology, animal classification, surgical techniques and employability skills.

Course Title: Companion Animals (CTE)

Credit: 0.5 **Prerequisites: None** **Level: G** **Grade: 9, 10, 11, 12**

Course Description: This course will include the study of companion animal classification, reproduction, diet and nutrition, working with companion animals, companion animal housing and equipment. This course will also expose students to basic animal care, welfare, maintenance and health.

Course Title: Wildlife and Fisheries (CTE)

Credit: 0.5 **Prerequisites: None** **Level: G** **Grade: 9, 10, 11, 12**

Course Description: This course will include the study of both biological and environmental issues related to wildlife and fisheries management within our state. The course will also include topics of species identification, habitat conservation and preservation, hunting and fishing regulations, as well as the economic impact of wildlife in South Dakota.

Course Title: Food Science (CTE)

Credit: 0.5 **Prerequisites: None** **Level: G** **Grade: 9, 10, 11, 12**

Course Description: This course is a course designed to provide students with an overview of food science and its importance to producers and consumers. Students will learn essentially how your food comes from farm to table. They will also learn various advertising and broadcasting methods used in the food industry. Classroom and laboratory content may be enhanced by utilizing appropriate equipment and technology. Work-based learning strategies appropriate for this course are school-based enterprises, field trips and internships. Opportunities for application of clinical and leadership skills are provided by participation in FFA through activities, conferences and skills competitions such as the Food Science Career Development Event (CDE), Meat Evaluation CDE and Milk Quality and Products CDE.

Course Title: Fundamental Horticulture (CTE)

Credit: 0.5 **Prerequisites: None** **Level: H** **Grade: 10, 11, 12**

Course Description: This course will be designed for our schools needs as well as allow for students to explore various areas. Landscape Design, Floriculture and/or Greenhouse Management are all topics that could potentially be covered. Collaboration between various classes will also occur throughout the course. Topics include identification, use and management of equipment and materials, as well as managing plant growth and maintaining plants and equipment. Students will be working in a lab setting various days a week covering topics such as proper growing conditions, factors that affect plant growth and germination. Students will learn a number of skills such as problem solving, employment skills, and creativity. All three of these industry sectors require skilled, educated employees. Classroom and laboratory content will be enhanced by utilizing appropriate equipment and technology. Opportunities for application of clinical and leadership skills are provided by participation in FFA through activities, conferences and skills competitions.

Automotive

Course Title: Introduction to Vehicle Systems & Maintenance (CTE)

Credit: 0.5

Level: G

Grade: 9, 10, 11, 12

Prerequisites: None

Course Description: Transportation, Distribution, & Logistics Career Cluster. The Introduction to Vehicle Systems and Maintenance Program will prepare students to meet the demand for a variety of types of vehicle maintenance, service and repair and to address a future in sales or support staff in the Transportation Industry. Students will have a greater understanding of how a vehicle operates and a good working knowledge of repair and repair practices. 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, Automatic and manual transmission systems, and Career opportunities in Transportation, Distribution and Logistics. **The Introduction to Automotive Systems and the Automotive Technology courses may not be taken at the same time during any given school year. The Introduction to Automotive Systems course may only be taken once in any given school year.**

Course Title: Automotive Technology (CTE)

Credit: 2.0

Level: G

Grade: 10, 11, 12

Prerequisites: None

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: Introduction to Auto Shop and Personal Safety, Tools and Equipment, Acquiring and Utilizing Technical Information, Preparing Vehicle for Service, Preparing Vehicle for Customer, Basic Vehicle Service, Engine Repair, Automatic Transmission, Manual Drive Train and Axles, Suspension and Steering, Brakes, Electrical/Electronic Systems, Heating and Air Conditioning, and Diesel Technology. Students will also have an opportunity to learn about, service, and build an electric vehicle. **The Automotive Technology and Introduction to Automotive Systems courses may not be taken at the same time during any given school year.**

Course Title: Introduction to Diesel Technology (CTE)

Credit: 0.5

Level: G

Grade: 10, 11, 12

Prerequisites: None

Course Description: Students will develop an understanding of the Automotive Diesel service pathway, including Over the Road Transportation, Construction Equipment and Agriculture Equipment. The desire for students to receive industry training at the basic level and then be able to step up to the higher level of competency in this field is the ultimate goal of this course. Students will be exposed to basic diesel maintenance principles in areas of chemical, mechanical and physical functions of a modern diesel system.

Course Title: Introduction to Auto Body (Nonstructural Analysis and Damage Repair) (CTE)

Credit: 0.5

Level: G

Grade: 11, 12

Prerequisites: None

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. **The Introduction to Auto Body course may be taken in the same year and/or in coinciding terms with any of the other career cluster courses. The Introduction to Auto Body course may only be taken once in any given school year.**

Business

Course Title: *Personal & Business Law (CTE)*

Credit: 0.5

Level: G

Grade: 9, 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: *Introduction to Business (CTE)*

Credit: 0.5

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.

Course Title: *Personal Finance (CTE)*

Credit: 0.5

Level: G

Grade: 9, 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.

Course Title: *Sports and Entertainment Marketing*

Credit: 0.5

Level: G

Grade: 9, 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: *Accounting 1 (CTE)*

Credit: 1.0

Level: G

Grade: 10, 11, 12

Prerequisites: None

Course Description: Business, Management & Administration, Finance, Hospitality & Tourism, Human Services. Marketing Career Clusters. 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 (CTE)*

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: Entrepreneurship (CTE)

Credit: 0.5

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.**

Course Title: Internship 1 / Internship 2 (CTE)

Credit: 0.5

Level: G

Grade: 11, 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.**

Computers/Information Technology

Course Title: Introduction to Information Technology (CTE)

Credit: 0.5

Level: G

Grade: 9, 10, 11, 12

Prerequisites: None

Course Description: This course is an introduction to information technology areas, software and pathways. Introduction to Information Technology will prepare students to understand the different career in computer technology, prepare students for future course selections, and provide them with the background knowledge of office products. This course is also an in-depth look at macro's.

Course Title: Cybersecurity (CTE)

Credit: 0.5

Level: G

Grade: 9, 10, 11, 12

Prerequisites: None

Course Description: Cyber security is an increasingly in-demand field in the Information Technology Cluster. In this course, students will look at the major ideas in the fields of cybersecurity or information assurance. The course design addresses the fundamental implications of technology, the history of securing information and the relationship to the evolution of technology, and the need to securely transmit and store information. This course will look at the ways computers, programs, networks, and people are exploited by hackers, and what can be done to prevent or minimize the damage. Students will learn foundational cybersecurity topics including digital citizenship and cyber hygiene.

Course Title: App Programming (CTE)

Credit: 0.5

Level: G

Grade: 9, 10, 11, 12

Prerequisites: None

Course Description: Designed to be the first computer science course for students who have never programmed before. Students work to create aps for mobile devices using MIT App Inventor®. They explore the impact of computing in society and build skills in digital citizenship. Beyond learning the fundamentals of programming, students build computational thinking skills.

Course Title: Robotics (CTE)

Credit: 0.5

Level: G

Grade: 9, 10, 11, 12

Prerequisites: None

Course Description: This course emphasizes the design, building, operation, application, and documentation of robotic systems. Students follow the engineering design process, apply basic programming skills, and explore how robots and automated systems are used in industry. Students will have an understanding of the historical and current uses of robots and automated systems; programmable circuits, interfacing both inputs and outputs; proficient ethical standards for engineering and technology professions; and testing of robots.

Course Title: Robotics II (CTE)

Credit: 0.5

Level: G

Grade: 9, 10, 11, 12

Prerequisites: Robotics

Course Description: This course emphasizes the design, building, operation, application, and documentation of robotic systems. Students follow the engineering design process, apply basic programming skills, and explore how robots and automated systems are used in industry. Students will understand the historical and current uses of robots and automated systems; programmable circuits, interfacing both inputs and outputs; proficient ethical standards for engineering and technology professions; and testing of robots. Activities that are structured around iterative real-world applications with opportunities for students to build teamwork and collaboration skills. Students will use hands-on, minds-on engagements that encourage students to design creative solutions and innovate through experimentation.

Course Title: Computer Programming (CTE)

Credit: 0.5

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. The students will be expected to understand a logical process to solve problems. We will also explore careers in programming.

Course Title: Network Technology (CTE)

Credit: 0.5

Level: G

Grade: 10, 11, 12

Prerequisite: None

Course Description: Information Technology, Manufacturing Career Clusters. Do you want to setup your own computer network or camera system at home? Then this is the course for you! You will learn how to setup your own network, from building the cables, to setting up a network. Topics covered in the class include Windows Operating Systems, individual hardware components, troubleshooting, and network topologies. Configuring computers, switches, printers and the assignment of IP addresses.

Course Title: Web Page Design (CTE)

Credit: 0.5

Level: G

Grade: 10, 11, 12

Prerequisites: None

Course Description: Students will learn how to create professional websites using Adobe CS6 suite 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 Adobe CS6 suite. 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.



Construction & Building Trades

Course Title: *Introduction to Building Trades (CTE)*****

Credit: 1.0

Level: G

Grade: 10, 11, 12

Prerequisites: none

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. All students will complete and receive a 10-hour OSHA Safety Training Certification.

Course Title: *Residential Construction (CTE)*****

Credit: 2.0

Level: G

Grade: 11, 12

Prerequisites: none

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. All students will complete and receive a 10-hour OSHA Safety Training Certification.

Course Title: *Construction Equipment I (CTE)*****

Credit: 0.5

Level: G

Grade: 11, 12

Prerequisites: none

Course Description: Students will gain an understanding of safely operating the tools and equipment in the construction trades. Exploration of earth-moving equipment and construction equipment within the context of OSHA and industrial operations standards. Emphasis should be placed on controlling equipment to perform specific operations per industry standards and on basic trouble shooting and maintenance procedures.

Family & Consumer Science

Course Title: *Fashion Design (CTE)*****

Credit: 0.5

Level: G

Grade: 9, 10, 11, 12

Prerequisites: None

Course Description: Fashion Design is an applied knowledge course intended to help students explore different aspects of careers in fashion design industry. Students will study the history of fashion, elements and principles of design related to fashion, textile composition and fashion illustration. Students will explore trends in fashion design and produce a fashion line.

Course Title: *Interior Design (CTE)*****

Credit: 0.5

Level: G

Grade: 10, 11, 12

Prerequisites: None

Course Description: This course will provide students with the opportunity to explore the history and current trends in interior design, career options related to the interior design industry, the elements and principles of design related to interiors, design and function of interior spaces, items used in interior environments, and interior design project presentation skills.

Course Title: Food Concepts (CTE)

Credit: 0.5

Level: G

Grade: 9, 10, 11, 12

Prerequisites: None

Course Description: This course is designed to explore safe and effective, basic food preparation. Students will apply food selection and preparation guidelines. Topics include kitchen safety, quick breads, yeast breads, grains, eggs, fruit and vegetables, meats and combination foods. **There will be a \$10.00 lab fee for this course.**

Course Title: Advanced Food Concepts (CTE)

Credit: 0.5

Level: G

Grade: 9, 10, 11, 12

Prerequisites: Intro to Foods

Course Description: This course will build upon information from Food Concepts with an introduction to Culinary Arts. The topics include safety and sanitation, menu planning and management, culinary terms and skills, yeast and quick breads, cake decorating, desserts, pastries, and appetizers. **There will be a \$10.00 lab fee for this course.**

Course Title: Culinary Arts I (CTE) – ProStart® I

Credit: 1.0

Level: G

Grade: 10, 11, 12

Prerequisites: Advanced Food Concepts (Required)

Course Description: The ProStart® program prepares students for careers in the restaurant and foodservice industry. Topics include the history of food service, potatoes and grains, the lodging industry, the art of service, successful customer relations, preparing and serving safe food, preventing accidents and injuries, kitchen basics, food-service equipment, stocks, soups and sauces, working with people, management, business math, fruits and vegetables, and building careers in the food industry. Students will run Central Café one day a week and will cater additional events, which may take place outside of class time. Students will go through the ServSafe® training. **There will be a \$20 lab fee for this course.** Students who complete year one, year two, and the internship can receive certification. **Culinary Arts I** will be offered in the fall.

Course Title: Culinary Arts II (CTE) – ProStart® II

Credit: 1.0

Level: G

Grade: 10, 11, 12

Prerequisites: Culinary Arts I

Course Description: Topics addressed include nutrition, desserts and baked goods, breakfast foods and sandwiches, salads and garnishes, meat, poultry, seafood, marketing and the menu, controlling food costs, purchasing and inventory, sustainability in the restaurant and foodservice industry and global cuisine. **There is a \$20.00 lab fee for this course.** Students will run Central Café one day a week and will cater additional events, which may take place outside of class time. Students who complete year one, year two, and the internship can receive certification. **Culinary Arts II** will be offered in the spring to allow for participation in the ProStart Culinary and Management Competition.

Course Title: Child Development / Prenatal to Toddler (CTE)

Credit: 0.5

Level: G

Grade: 9, 10, 11, 12

Prerequisites: None

Course Description: This course will focus on the social, physical, emotional, and intellectual development of a child from prenatal through age 3. It will include understanding patterns, sequences, and stages of development vital for guiding infants and toddlers. This class will not be geared just towards future parents, but for individuals seeking careers in education, health, medical, human service professions, and many other careers that involve working with infants and toddlers.

Course Title: Child Development / Preschool to School-Age (CTE)

Credit: 0.5

Level: G

Grade: 10, 11, 12

Prerequisites: Child Development/Prenatal to Toddler is recommended

Course Description: This course is designed to study growth and development of children ages 3-6 years through project and experience based learning. Students will develop an understanding of preschool children through observation, visitation of childcare and preschool programs in the community, and teaching in a preschool setting. Approximately 8 off site visits are required for course completion and finding transportation will be the student's responsibility. Topics covered will include, but are not limited to, career opportunities, theories in practice, child abuse/neglect, and first aid/emergency training.

Course Title: *Drawing 2*

Credit: 0.5

Level: G

Grade: 9, 10, 11, 12

Prerequisites: Drawing 1

Course Description This 9-week course is intended to strengthen and improve basic drawing techniques, and will focus on students creating unique artworks and working on drawing people and perspective. 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.

Course Title: *Graphic Design I*

Credit: 0.5

Level: G

Grade: 9, 10, 11, 12

Prerequisites: Drawing 1 or Comprehensive Art Recommended

Course Description: Graphic Design I introduces students to Adobe Illustrator and other software. Students will explore Graphic Design history while completing assignments that align to their specific interests.

Course Title: *Graphic Design II*

Credit: 0.5

Level: G

Grade: 10, 11, 12

Prerequisites: Graphic Design I

Course Description: Graphic Design II allows students to expand their knowledge of the Adobe Suite while digging deeper into their own personal design interests.

Course Title: *Digital Photography I*

Credit: 0.5

Level: G

Grade: 9, 10, 11, 12

Prerequisites: None

Course Description: In Photography I, students will be able to apply principles of visual literacy to produce visual content. This gives students an advantage in today's global, multimedia society. Students will be taught industry-relevant technical skills and have the opportunity to work with a variety of technology, including digital cameras, design software, and editing tools to stage, shoot, process, print, and present professional-grade images. Students will evaluate and critique photographic work and investigate the history of photography.

Course Title: *Digital Photography II*

Credit: 0.5

Level: G

Grade: 10, 11, 12

Prerequisites: Digital Photography I

Course Description: Photography II provides the advanced photography student with practical knowledge and highly advanced skills for a comprehensive career in photography. Students will explore advanced lighting and editing techniques and the commercial distribution of photographic works.

Course Title: *Painting 1*

Credit: 0.5

Level: G

Grade: 10, 11, 12

Prerequisites: Completion of Comprehensive Art OR Drawing 1 PRIOR to class

Course Description: This 9-week course is designed to introduce and let students explore various acrylic painting techniques. Artist styles and techniques taught to students to use in their development of paintings. Students will work with representational, abstract, and non-objective subjects using acrylics, and some watercolor techniques. *Students will be expected to furnish some of their own supplies, such as brushes and canvases. ****There will be a \$10.00 lab fee for this course to cover the costs of paint additives and canvas paper.**

Course Title: *Painting 2*

Credit: 0.5

Level: G

Grade: 10, 11, 12

Prerequisites: Painting 1 PRIOR to class

Course Description: This 9-week course is designed to strengthen and improve various painting techniques. This is a class where students focus on advanced painting such as oils and composition (how to make a great painting). 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: Sculpture 1

Credit: 0.5

Level: G

Grade: 10, 11, 12

Prerequisites: Comprehensive Art OR Drawing 1

Course Description: This 9 week course is designed to introduce and explore concepts of additive, subtractive, assemblage, and relief sculpture. Students will gain experience with basic materials and techniques. Design principles will be emphasized in regards to 3D work. Art history references will be emphasized. 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 materials.**

Course Title: Ceramics/Pottery A & B

Credit: 1.0

Level: G

Grade: 11, 12

Prerequisites: Comprehensive Art OR Drawing 1 AND Sculpture I

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 green ware. 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: Portfolio Art A & B (Advanced Art)

Credit: 1.0

Level: G

Grade: 10, 11, 12

Prerequisites: Drawing OR Comprehensive Art

Course Description: A semester long class for students who want to learn about and create alternative art and crafts such as wood carving, collage, assemblage art, altered books, upcycling art, along with other advanced art techniques. Students will create a power point (portfolio) with photos of their work to make a portfolio that can be used to apply for future scholarships.

***Art Club students should take this course.**

****Prerequisites MUST be met prior to the first term portfolio art is offered, unless given permission by the teacher. Students must attend both terms to take this class.**

Course Title: Honors Portfolio Art A & B

Credit: 1.0

Level: G

Grade: 10, 11, 12

Prerequisites: Portfolio Art, OR 2 upper-level art classes (Painting 1 or Painting 2, Drawing 2, Photography 1 or 2, Sculpture, Pottery, Independent Study).

Course Description: This class is an 18-week course designed for more serious art students who work well independently, have a good foundation in one or more mediums, and would like to further their talent and skills in a semester long class with like-minded classmates in materials of their choices. Students who want to focus on preparing or thinking of art as a career, and want to be better prepared for college in the arts should sign up. Emphasis will be on students creating a body of work independently while practicing good time management and exploring different art careers. Student work will reflect their individual artistic styles, and express ideas or create concentration pieces, and learn art history. Students will also create a portfolio of their work should they apply for scholarships, and learn about art history which will prepare them for college. Students will be allowed and encouraged to choose one medium to focus on or many. Participation in the art show and art opening may be required.

***Students will be expected to furnish some of their own supplies, along with a \$10 supply fee to be paid by the first term of class.**

****Prerequisites MUST be met unless given permission by the instructor. Art club students should sign up if they've talked with instructor.****

Course Title: Photojournalism 1 – Yearbook

Credit: 0.5

Level: G

Grade: 9, 10, 11, 12

Prerequisites: None

Course Description: Interested in learning what goes into designing a publication? This course is designed to introduce students to several digital media while producing the Spring Supplement. Students will learn the basics of photography, design, and journalistic writing while working together to create a cohesive publication. Students are expected to cover at least one extracurricular event outside of class time. Topics covered include: basic photography skills, basic photo editing skills, and caption writing. This class is held in the spring resulting in the creation of the Spring Supplement.

Course Title: *Photojournalism 2 - Yearbook*

Credit: 0.5

Level: G

Grade: 10, 11, 12

Prerequisites: Photojournalism 1 OR Digital Photography I

Course Description: This course is for students interested in expanding their knowledge of photography and design. Students will go beyond the basics and learn advanced photography and design techniques. Photojournalism 2 takes place during term 3, and students are expected to attend 2 extracurricular events outside of class. Topics covered include: layout, intermediate photography skills, advanced photo editing skills, and journalistic writing.

Course Title: *Photojournalism 3 – Yearbook*

Credit: 1.0

Level: G

Grade: 10, 11, 12

Prerequisites: Photojournalism 2 OR Graphic Design 1 & Digital Photography 1

Course Description: This course is held during the first semester of the year. Photojournalism 3 is for students who wish to be actively involved in the theme development and layout of the yearbook. Students use knowledge gained in previous coursework to decide the theme, design, and direction of that year's yearbook. Students are required to attend 3 extracurricular events outside of class.

Course Title: *Honors Photojournalism 3 – Yearbook*

Credit: 1.0

Level: H

Grade: 11, 12

Prerequisites: Student Application* or Teacher Referral

Course Description: This course is a yearlong independent study course. Students enrolled in this course will be editors of the yearbook and must be willing to meet with the yearbook advisor on a regular basis and present to the other photojournalism classes from time to time. They will help decide the overall theme and direction of the yearbook, cover events when needed, and ensure the yearbook is completed to theme specifications. They ensure all deadlines are met, coverage is fair, and copy is proofread. If you are a self-motivated detail-oriented student who is active in school culture this class is for you!

***Students are chosen based on schedule availability as it relates to yearbook deadlines, references, and coursework background. Taking all Journalism classes is not required but does give students greater experience to draw from.**



Health Science

Course Title: Intro to Sports Medicine & Athletic Training (CTE)

Credit: 0.5

Level: G

Grade: 10, 11, 12

Prerequisites: None

Course Description: This course teaches students components of sports medicine, including exploration of the following: therapeutic careers, medical terminology, anatomy and physiology, first aid, injury prevention principles, the healing process, rehabilitation techniques, therapeutic modalities, sports nutrition, sports psychology, and performance enhancement philosophies. Through classroom engagement and hands-on experience, students will become familiar with the concepts relevant to sports medicine. Students will learn to prevent, treat, and evaluate athletic injuries and maintain an efficient, professional athletic training facility.

Course Title: Health Science Careers I (CTE)

Credit 1.0

Level: G

Grades: 11, 12

Prerequisite: Health – First Aide & CPR (*completion of Honors Anatomy/Physiology Recommended*)

Course Description: Health Science Career Cluster. This course is designed for the student who is considering a career in the healthcare field. The course gives the student an overview of the industry and its occupations. Students will learn about levels of education, credentialing requirements, employment opportunities, workplace environments, and career growth potential. The course will also include medical legal/ethical issues, as well as infection prevention and control in the health care field and in the community. Students will learn about and participate in activities that focus on cultural diversity and human growth and development. Students will have the opportunity to tour health care facilities in the community and will participate in community service/volunteer projects.

Course Title: Health Science Careers II (CTE)

Credit 1.0

Level: G

Grades: 11, 12

Prerequisites: Health Science Careers I & Health – First Aide & CPR (*completion of Honors Anatomy/Physiology Recommended*)

Course Description: Health Science Careers Cluster. This course will build upon knowledge and skills from Health Science Careers I. The student will participate in additional tours of healthcare facilities and will be given the opportunity to interact and plan activities with a variety of populations such as those with developmental and physical disabilities, and residents of long-term care facilities. Students will learn and demonstrate personal care skills.

Course Title: Medical Terminology (CTE)

Credit 1.0

Level: G

Grades: 11, 12

Prerequisites: Health – First Aide & CPR (*completion of Honors Anatomy/Physiology Recommended*)

Course Description: Communication in the ever-expanding health care industry is a language unto itself. Medical Terminology consists of learning medically precise pronunciations, word clues, and terminology specific to human anatomy, physiology, disease, diagnosis, and treatment. This medically integrated knowledge will be valuable for all levels of health care providers and members of the health care team. Medical Terminology is recommended for students in all health science pathways.

Course Title: Introduction to Emergency Medical Services (CTE)

Credit: 1.0

Level: G

Grade: 11,12

Prerequisites: Health – First Aide & CPR & Medical Terminology

Course Description: This course is designed to expose students to various career opportunities in the Emergency Medical Services field. Emergency care services are necessary for the safety of the community. A network of services is coordinated to provide aid and medical assistance from the primary response to definitive care, involving personal trained in the rescue, stabilization, transportation, and advanced treatment of traumatic or medical emergencies. Potential career opportunities may include emergency medical dispatch, first medical responder, ambulance personal, and paramedic units. Upon completion of this course, students will be trained in First Aid, Cardiopulmonary Resuscitation (CPR) and Automatic External Defibrillator (AED). Students will also work with licensed personnel to meet industry certification requirements for the EMT exam.

Course Title: Emergency Medical Responder - EMR (CTE)

Credit: 0.5

Level: G

Grade: 11,12

Prerequisites: Health – First Aide & CPR

Course Description: The emergency medical responder (EMR) is an out-of-hospital practitioner whose primary focus is to initiate immediate lifesaving care to patients while ensuring patient access to the emergency medical services system. EMRs possess the basic knowledge and skills necessary to provide lifesaving interventions.

Upon completion of this course, you will be eligible to complete the NREMT, National Registry of Emergency Medical Technicians, certification exam. You are required to complete this national exam to become a State of South Dakota Emergency Medical Technician. This national exam is recognized, and successful completion is required in 46 states for initial state licensure.

Course Title: Emergency Medical Technician - EMT (CTE)

Credit: 1.5

Level: G

Grade: 11,12

Prerequisites: Health – First Aide & CPR & Emergency Medical Responder

Course Description: An emergency medical technician (EMT) is a health professional whose primary focus is to respond to, assess and triage emergent, urgent and non-urgent requests for medical care, and to apply basic knowledge and skills necessary to provide patient care and medical transportation to/ from an emergency or health care facility.

Upon completion of this course, you will be eligible to complete the NREMT, National Registry of Emergency Medical Technicians, certification exam. You are required to complete this national exam to become a State of South Dakota Emergency Medical Technician. This national exam is recognized, and successful completion is required in 46 states for initial state licensure.

English Language Arts

Course Title: English1

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 work on research or technical writing based assignments. 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

Credit: 0.5

Level: G

Grade: 9, 10, 11, 12

Prerequisites: None

Course Description: This required course covers a variety of individual and partner speeches (approximately one speech per week) instruction in speaking style, methods of delivery, and group discussion. The course focuses on understanding the key components of a speech and delivery. Students are evaluated on organization, development and speaking style.

Course Title: Oral Interpretation

Credit: Speech OR Fine Arts 0.5

Level: G

Grade: 9, 10, 11, 12

Prerequisites: None

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 one co-curricular oral interpretation competition is required to receive a grade above a "D".

This course DOES meet the Speech requirement for graduation.

Course Title: Honors Debate & US Democracy

Credit: 1.0

Level: H Speech & G Government

Grade: 9, 10

Prerequisites: 3.0 GPA recommended

Course Description: This course analyses and discusses the current national public forum debate resolutions and meets the US government standards. It introduces students to the fundamentals and principles of academic debate through intense study of US government and current political and foreign policies. The students will study advanced research and argumentation theories and practices as they relate to the national debate topic. The students will discover the philosophical basis of, the impetus for, and the creation of our United States Constitution. The students will explore the operation and function of our national government today in relation to the principles found in the Constitution. Debate and discussion will focus on current social topics and how they relate to personal liberty. 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 three co-curricular debates is required to receive a grade above a "D". Choosing to drop the course at the end of first term will result in no credit and may negatively affect class rank and GPA, credit is given at the end of second term ONLY. **This course would be taken in place of both Speech and US Government graduation.**

Course Title: Honors Advanced Oral Interpretation

Credit: Fine Arts 0.5

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.

Course Title: English 2 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 technical, descriptive, and expository writing assignments.

Course Title: Honors English 2 A & B

Credit: 1.0

Level: H

Grade: 10

Prerequisites: English 1 and Speech, 3.0 GPA recommended

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 do writing that is expository, persuasive, comparative, and technical. This course is designed for students with above average English skills and will demand interpretive and evaluative reading and writing skills. This requires moving beyond identifying key literary and poetic devices to explaining how they all work together to convey a given message. Students in this class will also read additional literary works and complete more projects.

Course Title: AP English Language & Composition A & B

Credit: 2.0

Level: AP

Grade: 10, 11, 12

Prerequisites: English 1 and Speech or Debate & US Democracy; 3.00 GPA recommended

Course Description: AP English Language 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 focuses on the development and revision of evidence-based analytic and argumentative writing and rhetorical analysis of nonfiction texts. This course fulfills the English 2 requirement and one elective.

Course Title: English 3 A & B

Credit: 1.0

Level: G

Grade:11

Prerequisites: Language Arts 9, Speech, and English 2 A & B

Course Description: This course consists of the five strands of the SD Content Standards—reading literature, reading informational texts, writing, speaking, and listening. Students will study fiction, poetry, drama, non-fiction from selections of American literature. This course is designed to prepare student for the world they will enter upon leaving Central High School. Students will also contribute an authentic research-based writing project.

Course Title: Honors English 3 A & B

Credit: 1.0

Level: H

Grade:11

Prerequisites: English 1, Speech, and English 2 A & B; 3.00 GPA recommended

Course Description: This course consists of the five strands of the SD Content Standards—reading literature, reading informational texts, writing, speaking, and listening. Students will study fiction, poetry, drama, non-fiction from selections of American literature. This course is designed for students with above average English language arts skills and will demand a more academic focus with additional novels and essays being required. Students in Honors English 3 will contribute an authentic research-based writing project.

Course Title: English 4 A & B

Credit: 1.0

Level: G

Grade: 12

Prerequisites: Language Arts 9, Speech 9, and English 2 A&B, English 3 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 Periods. Students will use the writing process to analyze various pieces of literature. Students will also work on research and technical writing-based assignments. 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 English 4 A & B

Credit: 1.0

Level: H

Grade: 12

Prerequisites: English 1, Speech, English 2 A&B, English 3 A&B; 3.00 GPA recommended

Course Description: This course will focus on an overview of British and World Literature: Anglo-Saxon, the Middle Ages, the Renaissance, the Eighteenth Century, the Romantic Period and the Modern World. Writing will involve literary analysis as well as other essay formats and may include a research paper. Students will also work on technical writing-based assignments. Students will focus on exploring more complicated novels and generating in-depth discussions on all aspects of literature including the author's intentions, character motivations, diction, imagery, symbolism, and themes.

Course Title: AP English Literature & Composition A & B

Credit: 2.0

Level: AP

Grade: 11, 12

Prerequisites: 9th and 10th grade Language Arts courses; 3.00 GPA recommended

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.

ELECTIVES:

Course Title: Honors Advanced Debate

Credit: 0.5 Fine Arts credit

Level: H

Grade: 10, 11, 12

Prerequisites: None

Course Description: This course will consist of research, discussion, and debates on the year's topic, student congress, and individual events. Students are also required to write and participate in outside of the SDHSAA speech competitions such as Voice of Democracy, American Legion Oratory Contest, SD Conservation Speech depending on application deadlines. Satisfactory completion of Debate 1 with a grade of "C" or better is strongly recommended.

Course Title: Creative Writing

Credit: 0.5 elective credit

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?). Sometime will be spent analyzing the works of effective writers to discover ways of developing an individual style and more effective communication devices.

Manufacturing

Course Title: Machine Tool Technology I (CTE)

Credit: 2.0

Level: G

Grade: 10, 11, 12

Prerequisites: none

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 lathe set up, vertical milling machines, surface grinders, and how these machines relate to industry. CNC Lathe and Mill programming introduction, with basic concepts covered. 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. Students are encouraged to design and build personal projects late in the year.

Course Title: Machine Tool Technology II (CTE)**

Credit: 2.0

Level: G

Grade: 11, 12

Prerequisites: Machine Tool Technology I w/Inst. permission

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, Vertical mill, and the turning lathes. CNC Lathe and Mill set up and run training, and advanced grinding, milling, and turning techniques will be explored. 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 (CTE)**

Credit: 0.5

Level: G

Grade: 10, 11, 12

Prerequisites: none

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.

****A "Girls Only" class will be added if enrollment numbers warrant offering it.**

Course Title: Welding Technology II (CTE)

Credit: 0.5

Level: G

Grade: 11, 12

Prerequisites: Welding Technology I w/Inst. Permission

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.

Mathematics

RECOMMENDED PATHWAYS FOR MATHEMATICS

(ALL students **MUST** take a mathematics course in grades 9, 10, **and** 11)

Advanced Endorsement	Advanced Career Endorsement	Advanced Honors Endorsement
1.0 credit Algebra 1 1.0 credit Geometry 1.0 credit Algebra 2	1.0 credit Algebra 1 <u>OR</u> Math 1/Algebra 1 <i>(Teacher and/or Administrative approval is REQUIRED to take this class)</i> 1.0 credit Occupational Math 1.0 credit 3 rd Math Selection	1.0 credit Algebra 1 1.0 credit Geometry <u>OR</u> Geometry Honors 1.0 credit Algebra 2 <u>OR</u> Algebra 2 Honors 1.0 credit 4 th Math Selection

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: Occupational Math

Credit: 1.0

Grade: 9, 10, 11, 12

Prerequisites: Algebra 1

Course Description: In this course students will expand their understanding of mathematical concepts through skill development and applications. Students will review occupational use of fractions, decimals, measurement, basic statistics, ratio and proportions. Students will then move forward using algebraic, graphical, and geometric reasoning to solve problems encountered in technical occupations. This semester-long course is intended to fulfill the math portion of the Advanced Career Endorsement requirement for students planning on going to post-secondary technical institutions. This course could also serve as preparation for Geometry and/or Algebra 2.

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, (Geometry recommended but not required)

Course Description: This course will expand on Algebra 1 skills previously learned. The students will develop mathematical concepts for higher-level courses.

Music

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

Course Title: **Marching Band**

Credit: Varies

Level: G, H

Grade: 9, 10, 11, 12

Course Description: All Band Members in Grades 9-12 are highly encouraged to enroll in Marching Band during Term 1. Marching Band does have summer rehearsals beginning in late July. The Marching Band will perform at home football games, selected home volleyball games, parades, and field competitions throughout the fall. Once school begins, the Marching Band rehearses Monday through Friday from 7:30am-9:37am. Marching Band is the combined study of sound and movement. Marching Band is a fun, rewarding, and exciting way to promote CHS School Spirit.

Course Title: **Eagle Band**

Credit: 1.75

Level: G

Grade: 9, 10, 11, 12

Prerequisites: Beginning – Intermediate Proficiency with at least two years of previous training

Course Description: As the beginning high school concert ensemble, Eagle Band is primarily for 9th grade students. Other grades are open to participate at the discretion of the director. This band rehearses during 2nd block during terms 2, 3, and 4. During Term 1, band student should be enrolled in Marching Band. Students in Eagle Band are required to take 5 graded lessons per term. These lessons are free and provided by the school directors. Students are encouraged to audition for All State Band, All State Jazz, All State Orchestra, and the NSU Band Clinic. Students are also encouraged to participate in the Jazz Bands and the Winter Drumline. The curriculum is based on a broad range of music literature evolving the student's knowledge of genre, style, music history, and playing skill.

Course Title: **Concert Band**

Credit: 1.75

Level: G

Grade: 10, 11, 12

Prerequisites: Intermediate Proficiency on Instrument backed by two years of previous training

Course Description: Concert Band is the Intermediate concert band at CHS. This band meets during block 3 during terms 2, 3, and 4. During term 1, concert band members are should enroll in Marching Band. The Concert Band will perform at concerts and Region Contests throughout the school year. Concert Band members will be part of the combined Pep Band performing at selected home sporting events. Students will be encouraged to audition for All-State Orchestra, All-State Band, and All-State Jazz Band. Students will have the opportunity to participate in area Honor Bands. Concert Band members may also participate in the Jazz Bands and Winter Drumline. Each student will be expected to take 5 individual lessons per term. The curriculum is based on a broad range of music literature evolving student's knowledge of genre, style, music history, and playing skill.

Course Title: **Symphonic Band**

Credit: 1.50

Level: H

Grade: 10, 11, 12

Prerequisites: Advanced Proficiency on Instrument backed by previous training.

Course Description: Symphonic Band is the TOP concert band at CHS. Membership is determined by audition to be held in the spring for the next school year. This band rehearses during block 1 during terms 2, 3, and 4. As this is an Honors Class, Symphonic Band Members are required to take 5 individual lessons per term. Members of the Symphonic Band must be enrolled in the Marching Band during term 1. Symphonic Band members will perform at concerts and Region Contests throughout the year. The Symphonic Band will be part of the combined Pep Band performing at selected home sporting events. Students will be encouraged to audition for All-State Orchestra, All-State Band, and All-State Jazz Band. Students will have the opportunity to participate in area Honor Bands. As a member of the Symphonic Band, students will be eligible to hold membership in the Jazz Bands and/or Winter Drumline. The curriculum is based on a broad range of music literature evolving the student's knowledge in style, genre, music history, and playing skill.



Course Title: Eagle Choir**Credit: 1.50****Level: G****Grade: 9th only****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: 0.5****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: Eagle Orchestra is the 9th grade string orchestra at CHS. Class consists of rehearsing for concerts, string technique, music reading, music appreciation, and preparation for higher-level orchestras. Eagle Orchestra performs several concerts throughout the year, and students may try out for All-State Orchestra during Term 1 if they have prepared the materials. Lessons are encouraged and sometimes required with this music ensemble. Registration is required for participation in All-State Orchestra and Region IV Contests.

Course Title: Concert Orchestra

Credit: 1.50

Level: G

Grade: 10, 11, 12

Prerequisites: Eagle Orchestra or Qualifying Private Lesson Experience

Course Description: Concert Orchestra is the non-auditioned 10th-12th grade string orchestra at CHS. Concert Orchestra focuses on advancing string-playing technique and promoting lifelong appreciation of music. Concert Orchestra performs several concerts throughout the year, and students are encouraged to try out for All-State Orchestra during Term 1. Lessons are encouraged and sometimes required with this music ensemble. Registration is required to participate in All-State Orchestra and Region IV Contests.

Course Title: Symphony Orchestra

Credit: 1.0

Level: H

Grade: 10, 11, 12

Prerequisites: Eagle Orchestra and Successful Audition

Course Description: Symphony Orchestra is Central's top, auditioned string orchestra. Class will consist of rehearsal, advanced string technique, and preparation for collegiate-level orchestras; when possible, Symphony performs as a full orchestra with added winds, brass and percussion. Preparation and audition for All-State Orchestra is required during Term 1. Curricular lessons are encouraged and, in some cases, required for this music ensemble. Registration is required for participation in All-State Orchestra and Region IV Contests.

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.**

Choral Groups

Special Request Show Choir

Eagle Express Show Choir

Vocal Jazz

Instrumental Groups

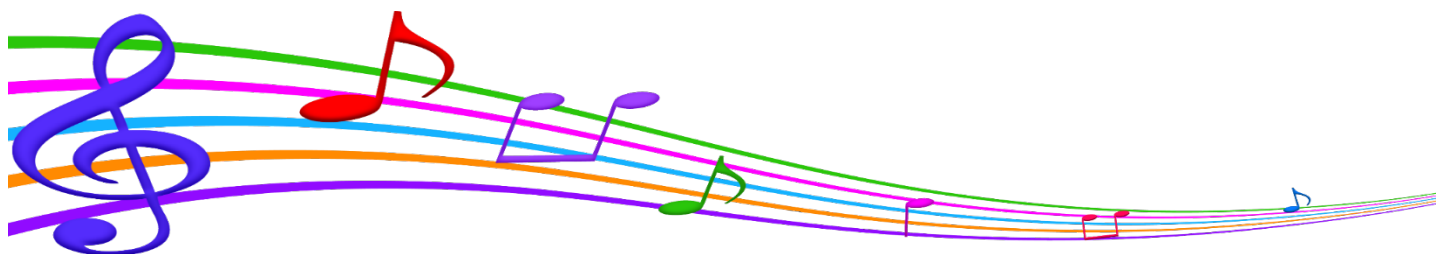
Jazz Express Jazz Band

Jazz Central Station Jazz Band

Musical Pit

Show Choir Band

Winter Drum Line



MUSIC DEPARTMENT BLOCK SCHEDULING OUTLINE

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.

**It is recommended that Freshman students take Health 1 opposite Eagle Choir or Eagle Band/Orch.

**It is also recommended that Sophomore students take Health 2 opposite Concert Choir or Concert Band/Orch.

Block	Time	Term 1	Terms 2	Term 3	Term 4
Extended Block One	7:30 - 9:37 AM	Marching Band			
1st Block	7:50 - 8:45 AM	Symphonic Orchestra	A Cappella Choir	Symph Band / Symph Orch	A Cappella Choir
	8:45 - 9:37 AM	A Cappella Choir	Symph Band / Symph Orch	A Cappella Choir	Symph Band / Symph Orch
2nd Block	9:43 - 10:28 AM	Eagle Choir / Eagle Orch	Eagle Choir	Eagle Band/Eagle Orch/Health 1*	Health 1 / Eagle Choir*
	10:28 - 11:10 AM	Eagle Orchestra	Eagle Band / Eagle Orch	Eagle Choir / Health 1*	Eagle Band/Eagle Orch/Health 1*
3rd Block/Lunch	11:16 - 12:00 PM	Concert Orch	Concert Choir	Concert Band / Orch combined with Health 2 or another Skinny Class Option*	Concert Choir combined with Basic Piano Keyboarding (Choir) or Health 2 or another Skinny Class option*
	Lunch 12:00-12:30				
	12:36-1:19 PM	Concert Choir	Concert Band / Concert Orch	Concert Choir combined with Basic Piano Keyboarding (Choir) or Health 2 or another Skinny Class option*	Concert Band / Orch combined with Health 2 or another Skinny Class Option*
4th Block	1:25 – 2:52 PM				
Super Study	2:58-3:20 PM				

Physical Education and Health

Course Title: Health - First Aid and CPR

Credit: 0.5

Level: G

Grade: 9, 10, 11, 12

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 learn basic first aid, how to use an AED, and how to respond to sudden illness. Students will also explore ideas, decision making skills, and activities that promote a healthy lifestyle for a lifetime.

Course Title: Health - Nutrition and Wellness

Credit: 0.5

Level: G

Grade: 9, 10, 11, 12

Prerequisites: None

Course Description: The topics to be covered in this health course include nutrition and health planning, current health research, family health, social health, substance use and abuse, mental health, and STIs.

Course Title: Cardio Fitness

Credit: 0.5

Level: G

Grade: 9, 10, 11, 12

Prerequisites: None

Course Description: The purpose of this course is to maintain or improve cardiovascular fitness. Activities include but are not limited to: Stability balls, BOSU, Medicine Balls, Circuit Training, Boot Camp Cardio, Plyometrics, Cardio Equipment, Dumbbell Circuit, Elastibands, Walk/run, Core workout, Jump rope, and Fitness testing. Students will develop and implement individual fitness plans which also include a nutrition plan.

Course Title: Outdoor Recreation

Credit: 0.5

Level: G

Grade: 9, 10, 11, 12

Prerequisites: None

Course Description: The purpose of this class is to expose students to outdoor activities that contribute to physical fitness. Students will be expected to dress accordingly for all types of weather conditions. Activities will include, but are not limited to the following: Archery, Fishing, Biking, Beach Volleyball, Disc Golf, Golf, Softball, Flag Football, XC Skiing, Running/Walking for fitness.

Course Title: Lifetime Activities

Credit: 0.5

Level: G

Grade: 9, 10, 11, 12

Prerequisites: None

Course Description: The purpose of this course is to expose students to a variety of games and activities in which people can participate throughout their lifetime to maintain a healthy lifestyle. Activities include, but are not limited to: Tennis, Table Tennis, Eclipse Ball, PickleBall, Badminton, Volleyball, Kickball, Backyard Games, and Club Activities.

Course Title: Recreational Sports

Credit: 0.5

Level: G

Grade: 9, 10, 11, 12

Prerequisites: None

Course Description: Students will be expected to engage in a variety of activities designed to improve overall fitness. Students will be assessed on knowledge of rules and game strategies. Activities will include, but are not limited to: Flickerball, Ultimate Frisbee, Pin Guard, Capture the Flag, 6 base, Handball, Indoor Soccer, Kickball.

Course Title: Team Sports

Credit: 0.5

Level: G

Grade: 9, 10, 11, 12

Prerequisites: None

Course Description: This course will expose students to the techniques and rules of team sports such as Basketball, Volleyball, Flag Football, Softball, Whiffle ball, Floor Hockey and Soccer. Students will be assessed on knowledge of rules and strategies.

Course Title: **Walk-a-cise**

Credit: 0.5

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 plans in order to improve total fitness. Students will develop the skills needed to maintain a lifetime of physical wellbeing and a healthy lifestyle.

Course Title: **Weight Training**

Credit: 0.5

Level: G

Grade: 9, 10, 11, 12

Prerequisites: None

Course Description: This course is designed to explore basic lifting techniques and safety procedures. Students will be introduced to lifts for all areas of the body. After lifting techniques and procedures have been practiced, students will develop a personal program designed for goals that they have chosen. Nutrition will also be explored.

Course Title: **Weight Training 2 (Advanced)**

Credit: 0.5

Level: G

Grade: 10, 11, 12

Prerequisites: 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: 0.5

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 towards achieving personal fitness through exercise and nutrition. This is an interdisciplinary class taught by a FACS teacher and PE teacher. Labs will be conducted in the FACS department and in the physical education areas.

There is a \$10.00 lab fee for this class.

Course Title: **Theory of Coaching**

Credit: 0.5

Level: G

Grade: 10, 11, 12

Prerequisites: None

Course Description: This course will focus on coaching philosophy and techniques. Students will explore motivation and behavior change, discuss ethics and guidelines for coaching, and learn how to develop practice plans for a variety of sports. Additional topics will include dealing with the media and other interested parties and working with head/assistant coaches.

Course Title: **Sports Officiating**

Credit: 0.5

Level: G

Grade: 10, 11, 12

Prerequisites: None

Course Description: This course will teach the fundamentals and skills necessary for officiating sports (football, basketball, volleyball, soccer, etc.). It will also focus on developing an officiating philosophy, understanding the responsibilities of officiating, and the requirements for certification.



Science

Science Course Sequence

Advanced Endorsement	Advanced Career Endorsement	Advanced Honors Endorsement
1.0 credit Biology	1.0 credit Biology	1.0 credit Biology
1.0 credit Lab Science	1.0 credit of Science	1.0 credit Lab Science
1.0 credit Lab Science	1.0 credit of Science	1.0 credit Lab Science
		1.0 credit Lab Science

Course Title: **Biology**

Credit: 1.0

Level: G

Grade: 9, 10, 11, 12

Prerequisites: None

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: **Physics**

Credit: 1.0

Level: G

Grade: 9, 10, 11, 12

Prerequisites: Algebra 1

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 for real world application. There are many practical applications in the study of heat, sound, light, and electricity and magnetism presented.

****Grade 9 students may take Physics upon passage of 8th Grade Algebra 1.**

Course Title: **Astronomy**

Credit: 0.5

Level: G

Grade: 9, 10, 11, 12

Prerequisites: None

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: **Forensic Science**

Credit: 0.5

Level: G

Grade: 10, 11, 12

Prerequisites: Biology, Algebra 1, Chemistry recommended

Course Description: Forensic science will explore the history of forensic science, methods of investigating a crime scene, types of evidence, analysis of fingerprints, hair fibers, drugs, glass, soil, and blood. Students will also study agencies that offer forensic services, typical forensic labs and careers in forensic science. This course has now been approved for the Opportunity Scholarship.

Course Title: Chemistry

Credit: 1.0

Level: G

Grade: 10, 11, 12

Prerequisites: Algebra 1

Course Description: Chemistry (formerly Chemistry in the Community) is a laboratory science course which presents the chemical concepts required for students wishing to pursue a degree after high school. This course will explore the effects that chemicals have on our environment with topics such as water & air, materials & resources, petroleum, and nuclear interactions. Chemistry principles will be introduced as needed to help students understand these central concepts. Math skills are important, although a less rigorous application of math will be used.

Course Title: Honors Chemistry

Credit: 1.0

Level: H

Grade: 10, 11, 12

Prerequisites: 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: Honors Physics

Credit: 1.0

Level: H

Grade: 10, 11, 12

Prerequisites: Algebra 1

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 presented.

Course Title: Honors Biology

Credit: 1.0

Level: H

Grade: 10, 11, 12

Prerequisites: Algebra 1

Course Description: Honors Biology is a laboratory science course focusing on the study of life and its processes. Topics in this course will include the study of organic compounds, cellular structure and function, genetics, evolution, classification of organisms and ecology. Laboratory exercises will take place throughout the course to facilitate learning of biological concepts. The course is designed for students desiring an in-depth learning of Biology at a fast pace. Honors Biology will provide a strong foundation for students interested in college-level biology.

Course Title: Honors Physiology/Anatomy

Credit: 1.0

Level: H

Grade: 11, 12

Prerequisites: Algebra 1, Biology, H Chemistry or Chem 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 Biology A & B**

Credit: 2.0

Level: AP

Grade: 11, 12

Prerequisites: Algebra 1, Honors Chemistry, Algebra 2, Honors Biology is strongly recommended

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: **AP Chemistry A& B**

Credit: 2.0

Level: AP

Grade: 11, 12

Prerequisites: 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 previous 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.

Social Studies

Recommended Pathways for Social Studies

Advanced Endorsement	Advanced Career Endorsement	Advanced Honors Endorsement
0.5 credit World Geography	0.5 credit World Geography	0.5 credit World Geography
0.5 credit World History OR Honors World History	0.5 credit World History OR Honors World History	0.5 credit World History OR AP European History
1.0 credit US History OR 2.0 Honors US History OR 3.0 AP US History 1/2	1.0 credit US History OR 2.0 Honors US History OR 3.0 AP US History 1/2	1.0 credit US History OR 2.0 Honors US History OR 3.0 AP US History 1/2
0.5 credit US Government	0.5 credit US Government	0.5 credit US Government OR US Democracy (taken 9 th grade year)
0.5 credit Social Studies Elective	0.5 credit Social Studies Elective	0.5 credit Social Studies Elective

Course Title: **World Geography**

Credit: 0.5

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 using 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: America and the World Today

Credit: 0.5 (SS Elective Credit)

Level: G

Grade: 9, 10, 11, 12

Prerequisites: None

Course Description: This course is designed to promote active citizenship and participation in the democratic process. The course includes a study of contemporary political issues, civic participation, the role the parties play in the political process, and the importance of the Constitution. This course will also emphasize important world, national, state, and local "current" events. Students will discuss and analyze how these events impact our lives.

Course Title: Criminal Justice (Legal Systems)

Credit: 0.5 (SS Elective Credit)

Level: G

Grade: 9, 10, 11, 12

Prerequisites: None

Course Description: This course is the right choice for students with an interest in the criminal justice system. It consists of a series of units involving law, justice, and the courts. Emphasis is placed on such topics as criminal law, judicial decision-making, law enforcement and the penal system. The course enables students to critically analyze policy choices related to crime, punishment, and rehabilitation.

Course Title: Regional American Indian Studies (RAIS)

Credit: 0.5 (SS Elective Credit)

Level: G

Grade: 9, 10, 11, 12

Prerequisites: None

Course Description: This course will examine the history, culture, philosophies, politics, and contemporary experiences of the American Indian people. Emphasis will be placed on regional tribes, including South Dakota Sioux. Participants in this course will explore cultural identity through several means, including but not limited to, small group discussions, reading assignments, guest speakers, and document analysis. This class is designed to offer students different perspectives on a variety of regional historical and political situations involving American Indian peoples.

Course Title: Honors Debate & US Democracy

Credit: 1.0

Level: H Speech & G Government Grade: 9, 10

Prerequisites: 3.0 GPA recommended

Course Description: This course analyses and discusses the current national public forum debate resolutions and meets the US government standards. It introduces students to the fundamentals and principles of academic debate through intense study of US government and current political and foreign policies. The students will study advanced research and argumentation theories and practices as they relate to the national debate topic. The students will discover the philosophical basis of the impetus for, and the creation of our United States Constitution. The students will explore the operation and function of our national government today in relation to the principles found in the Constitution. Debate and discussion will focus on current social topics and how they relate to personal liberty. 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 three co-curricular debates is required to receive a grade above a "D". Choosing to drop the course at the end of first term will result in no credit and may negatively affect class rank and GPA, credit is given at the end of second term ONLY. **This course would be taken in place of both Speech and US Government graduation.**

Course Title: World History

Credit: 0.5

Level: G

Grade: 10

Prerequisites: None

Course Description: 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: 0.5

Level: H

Grade: 10

Prerequisites: None

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: *AP European History*

Credit: 2.0

Level: AP

Grade: 10, 11, 12

Prerequisites: None

Course Description: This two credit course fulfills the requirements for world history and the social studies elective. This course is designed to introduce students to AP level course work as well as develop the skills necessary to complete honors and collegiate level work. The course covers European History from 1350-Present day and breaks the content into 4 historical periods. Particular emphasis is placed on the development of reading comprehension and writing proficiency. Students will have the opportunity to take the AP exam at the end of the course to earn college credit.

Course Title: *US History*

Credit: 1.0

Level: G

Grade: 11

Prerequisites: None

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.

Course Title: *Honors US History*

Credit: 1.0

Level: H

Grade: 11, 12

Prerequisite: None

Course Description: This US History course is designed to provide students with analytical skills and factual knowledge necessary to deal critically with the problems and materials in US History from the end of the Civil War to contemporary America. Students will learn to assess historical materials – their relevance to a given interpretive problem, reliability, and importance - and to weigh the evidence and interpretations presented in historical scholarship. The course will develop the skills necessary to arrive at conclusions based on an informed judgment and to present reasons and evidence clearly and persuasively in essay format.

Course Title: *AP US History*

Credit: 2.0

Level: AP

Grade: 11, 12

Prerequisite: None

Course Description: The AP U.S. History course focuses on the history of the U.S. from 1491 to the present. Students will earn AP (0.5 GPA Weight) credit for each term completed. Students are encouraged to take the AP exam at the end of the course. This course shall satisfy the CHS requirement for U.S. History.

Course Title: *Economics*

Credit: 0.5

Level: G

Grade: 11, 12

Prerequisites: None

Course Description: A study of the American economic system with particular emphasis placed on the flow of resources and their allocation. This course will provide a basic overview of both microeconomics and macroeconomics. Topics will include the Factors of Production, Opportunity Cost, Fundamentals of Capitalism, Supply & Demand, International Trade, and Money and Banking.

***For College or Tech bound students Economics or Honors Economics is highly recommended.**

Course Title: *Honors Economics*

Credit: 0.5

Level: H

Grade: 11, 12

Prerequisites: 3.0 GPA recommended

Course Description: A study of the American 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, federal fiscal policies, international trade, monetary relations, and supply and demand. The course includes the fundamentals of capitalism and the American economy. Emphasis placed on the United States' influence in the world economy. Students will participate in several simulations throughout the course.

Course Title: Honors Psychology

Credit: 1.0 (SS Elective Credit)

Level: H

Grade: 11, 12

Prerequisites: 3.00 GPA recommended

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: Sociology

Credit: 0.5 (SS Elective Credit)

Level: G

Grade: 11, 12

Prerequisites: None

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.

Course Title: US Government

Credit: 0.5

Level: G

Grade: 12

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.

Television and Film

Course Title: Multimedia Design

Credit: 0.5

Prerequisites: None

Level: G

Grade: 9, 10, 11, 12

Course Description: Multimedia Design gives students experience and knowledge in all forms of mixed media and content. Multimedia presentations combine text, graphics, animation, images and sound. Students will learn how to select the appropriate medium for each element of the presentation and gauge the needs of clients and the intended audience. In addition to their general academic and technical knowledge and skills, students gain an understanding of career opportunities available in technology and what employers require to gain and maintain employment in these careers. The course concentrates on multimedia design tools that assist when creating audio/video products. Students will use the following Adobe products: Spark, Premiere, Rush, After Effects.

Course Title: Introduction to Audiovisual Technology & Communication

Credit: 1.0

Prerequisites: None

Level: G

Grade: 10, 11, 12

Course Description: Learn to record and edit quality videos. The Introduction to A/V Technology & Communication course enables students to understand and critically evaluate the role of media in society. Students will create videos regularly throughout the course while learning the following: investigation of visual images, printed material and audio segments as tools of information, entertainment and propaganda; improvement of presentation and evaluative skills in relation to mass media; recognition of various techniques for delivery of a particular message.

Course Title: Media Production I

Credit: 1.0

Level G

Grade: 10, 11, 12

Pre-requisite: Introduction to Audiovisual Technology & Communication

Course Description: Media Production focuses on technical skills and knowledge in all phases of Media Production. Students will also explore equipment operation, software applications, careers, social networking, and media law. In the course, students will create public service announcements, demonstration videos, music videos, and other materials.

Course Title: Media Production II

Credit: 1.0

Level: G

Grade: 11, 12

Prerequisites: Media Production I

Course Description: Students will be given opportunities to design, implement, and present meaningful entertainment through a variety of media. Students will work in groups to develop, preproduce, produce, edit and publish short films.

Course Title: Broadcast Technology I

Credit: 1.0

Level: G

Grade: 10, 11, 12

Prerequisites: Introduction to Audiovisual Technology & Communication

Course Description: Broadcast Technology explores the ever-changing world of television and radio news. Students gain valuable insight into the careers of broadcast journalism in news, sports, and entertainment. Students will learn to cultivate, research, write, and edit broadcast news stories related to the Aberdeen School District and the Aberdeen community. These stories will be related to sports or other news and will be published for public viewing through the school district news show (Eagle Zone). Students will also review current events and learn basic law and ethical principles related to broadcast news and media in general.

Course Title: Broadcast Technology II

Credit: 1.0

Level: G

Grade: 10, 11, 12

Prerequisites: Introduction to Audiovisual Technology & Communication AND Broadcast Technology I

Course Description: Broadcast Technology explores the ever-changing world of television and radio production. Students will cultivate, research, write, and edit broadcast news stories. They will also work with classmates to create a weekly news show (Eagle Zone) that airs on the local access cable channel and is published on the school website. Students will apply principles learned in Broadcast Journalism I to determine newsworthiness, while adhering to media law and ethics.

Theatre

Course Title: Introduction to Theatre

Credit: 0.5 – fine arts credit

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: Introduction to Acting

Credit: 0.5 – fine arts credit

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: 0.5 – fine arts credit****Level: G****Grade: 10, 11, 12****Prerequisites: None**

Course Description: This class is an introduction to stagecraft. This class includes elements of designing sets, contributing to building sets for the current play, and learning about areas of stage set up and design. Part of the class will involve building, painting, and creating the current play set and the other part is 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.

World Language

Course Title: French 1 A & B**Credit: 1.0****Level: G****Grade: 9, 10, 11, 12****Prerequisites: None**

Course Description: This course provides instruction of oral and written French. Students are introduced to the target language by imitation, repetition, communicative activities, readings, and media resources. The class will develop reading, writing, listening, and speaking modalities of language. Students can expect ~100 new vocabulary words in each chapter, so strong memorization skills are helpful. In addition, this course is grammar-intensive; therefore, substantial language and verbal skills are required. Although this class is not a core class, it is core-intensive and requires daily homework and regular study outside of class. Students must pass French 1A to advance to French 1B. Students must pass both terms of French 1 to advance to French 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 oral and written French as well as the cultures of the French-speaking world. Reading, writing, listening, speaking, and developing cross-cultural knowledge and analysis will be emphasized. Strong study and memorization skills are helpful. Students will continue to learn to speak about daily activities in the present and will start to learn how to narrate events in the past. Students are expected to actively use the language in class. Students must pass French 2A to advance to French 2B.

Course Title: Spanish 1 A & B**Credit: 1.0****Level: G****Grade: 9, 10, 11, 12****Prerequisites: None**

Course Description: This course provides instruction of oral and written Spanish. Students are introduced to the target language by imitation, repetition, communicative activities, readings, and media resources. The class will develop reading, writing, listening, and speaking modalities of language. Students can expect ~100 new vocabulary words in each chapter, so strong memorization skills are helpful. In addition, this course is grammar-intensive; therefore, substantial language and verbal skills are required. Although this class is not a core class, it is core-intensive and requires daily homework and regular study outside of class. Students must pass Spanish 1A to advance to Spanish 1B. Students must pass both terms of Spanish 1 to advance to Spanish 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 oral and written Spanish as well as the cultures of the Spanish-speaking world. Reading, writing, listening, speaking, and developing cross-cultural knowledge and analysis will be emphasized. Strong study and memorization skills are helpful. Students will continue to learn to speak about daily activities in the present and will start to learn how to narrate events in the past. Instruction will take place primarily in Spanish, and students are expected to actively use the language in class. Students must pass Spanish 2A to advance to Spanish 2B.

