



HIGH PLAINS
COMMUNITY SCHOOLS

Course Catalog

2023-2024



High Plains Community High School
260 S. Pine, Polk, NE. 68654
Main Office: 402-765-3331
<http://hpcstorm.org>

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High School Course Catalog

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Compiled and edited by: district counselor, high school principal and subject area teachers.

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TABLE OF CONTENTS

I.	REGISTRATION INFORMATION.....	4
II.	HPC GRADUATION REQUIREMENTS.....	5
III.	COLLEGE & UNIVERSITY ADMISSION REQUIREMENTS.....	7
IV.	HPC GRADING SYSTEM.....	9
V.	DESCRIPTION OF COURSES BY DEPARTMENT	
	Agriculture.....	10
	Art.....	12
	Business & Technology.....	13
	DesktopPublishing.....	14
	English.....	15
	Family and Consumer Science.....	16
	Foreign Language.....	18
	Math.....	19
	Music.....	21
	Physical Education.....	22
	Science.....	24
	Skilled and Technical Sciences.....	25
	Social Studies.....	27
	Speech.....	28
	Odysseyware.....	29
	Early College CCC & High Plains HS Partnership.....	30

Notice of Non-Discrimination This school district does not discriminate on the basis of race, color, religion, national origin, sex, marital status, disability, or age or in admission or access to, or treatment of employment, in its programs and activities and provides equal access to the Boy Scouts and other designated youth groups. Any person having inquiries concerning this school district's compliance with the regulations implementing Title VI, Title IX, or Section 504 is directed to contact Superintendent Kim Beran in writing at 260 S. Pine, Polk, NE 68654 or by telephone at (402) 765-2271. For further assistance, you may also contact Office for Civil Rights (Kansas City Office), U.S. Department of Education, 8930 Ward Parkway, Suite 2037, Kansas City, MO 64114-3302, Telephone: 816-268-0550, FAX: 816-823-1404; TDD: 877-521-2172, Email: OCR.KansasCity@ed.gov.



MISSION STATEMENT

The mission of the High Plains Community Schools is to provide an educational environment, which develops citizens who are lifelong learners and can contribute to a global society.

REGISTRATION INFORMATION

This registration handbook has been prepared to assist you in your selection of classes for the next school year. You are encouraged to read the following material carefully and discuss it with your family prior to making your class selections. Please keep the following in mind when making your choices:

1. Fulfillment of graduation requirements
2. A high school program as broad and beneficial as possible
3. Your vocational plans for the future
4. Post-secondary school requirements (college, trade school, etc.)
5. Counselors and teachers are available to assist you in making decisions

Five hours of credit will be given for successful completion of a class that meets five times per week for a full semester.

To be eligible for graduation, a student must have completed a minimum of 240 credits. Except in cases caused by unusual handicap or hardship (wherein the Board of Education, on the recommendation of the administration, can vary the number of credits required for graduation).

HPC GRADUATION REQUIREMENTS

English (40 Credits Req.)	
English I	10 CR
English II	10 CR
English III	10 CR
English IV	10 CR
English Composition I (CCC)	10 CR
English Fundamentals	10 CR

Math (30 Credits Req.*) (9-12)	
Algebra I*	10 CR
Geometry	10 CR
Algebra II	10 CR
Tech Math	10 CR
Trigonometry	5 CR
Pre-Calculus	5 CR
College Algebra	10 CR

Science (30 Credits Req.)	
Physical Science	10 CR
Biology	10 CR
Chemistry	10 CR
Advanced Biology	10 CR
Anatomy and Physiology	10 CR
Physics	10 CR
General Science	10 CR

Social Studies (30 Credits Req.)	
American History	10 CR
World Studies	10 CR
American Government	10 CR

Computer Science (5 Credits Req.)	
Computer Science	5 CR

Finance (5 Credits Req.)	
Personal Finance	5 CR

Physical Ed. (20 Credits Req.)	
Weights	10 CR
P.E.	10 CR
Health	5 CR

Sr. Seminar (10 Credits Req.)	
Senior Seminar	10 CR

Speech (5 Credits Req.)	
Speech	5 CR
Advanced Speech	5 CR
Public Speaking (CCC)	10 CR

Electives (60 Credits Req.)	
Art	10 CR
Band	10 CR
Chorus	10 CR
Digital media (HPC-TV)	10 CR
Ag I	10 CR
Ag II	10 CR
Ag III	10 CR
Ag IV	10 CR
Woodworking	5 CR
Advanced Woodworking	5 CR
Welding	5 CR
Advanced Welding	5 CR
Intro to FCS	10 CR
Food & Nutrition	10 CR
Yearbook	10 CR
Intro to Business	5 CR
Careers Education	5 CR

Foreign Language	
Students who are unable to take 2 years of foreign language in high school may still qualify for admission. Such students will be required to take 2 semesters of foreign language in the University of Nebraska system.	
Spanish I	10 CR
Spanish II	10 CR

MUST SUBJECT INCLUDE	
English 40 CR Req.	English I English II English III English IV OR Eng Comp (CCC)
Math 30 CR Req.	Algebra I* Geometry Algebra II
Science 30 CR Req.	Physical Science Biology
Social Studies 30 CR Req.	American History World Studies American Govt
Physical Ed. 20 CR Req.	Health (at least 5 Cr)
Finance 5 CR Req.	Personal Finance
Comp Science 5 CR Req.	CS Discoveries
Sr. Seminar 10 CR Req.	Senior Seminar
Speech 5 CR Req.	Speech OR Advanced Speech OR Public Speaking (CCC)

240
TOTAL CREDIT HOURS NEEDED TO GRADUATE

**Please not that all 30-credits of math must be earned in 9th - 12th grade. Students that take algebra I as a 8th grader may still receive credit, but must take an additional 30-credits as high school students.*

Whenever possible, students are expected to maintain an eight subject program per semester during progression toward graduation. Each student will be allowed one study hall.

DROP AND ADD INFORMATION

Students will be allowed to drop and add classes to their schedule for three full days after the semester begins. After this time, no more additions will be allowed without the written permission of the teacher and approval by the principal.

HIGH SCHOOL RETENTION POLICY

Whenever possible, students who fail a class will be expected to re-take the class the next time it is offered. No student shall be required to take the same class more than twice, except in the case of classes which are required for graduation. Such classes shall be passed; if not by re-taking the class, then through correspondence instruction or other approved practice.

CLASS COMPETENCY / REMOVAL OF FAILING GRADES

Any student failing a high school class may petition the administration for a proficiency examination covering the entire course objectives. If the examination is passed, the student's transcript shall be changed to show that the class was passed with a grade of 70%. Only one proficiency exam may be taken anytime prior to a student's graduation. Each examination shall be prepared and evaluated by the teacher of the failed course.

COLLEGE & UNIVERSITY ADMISSION REQUIREMENTS

To be admitted in full standing to the University of Nebraska-Lincoln as an undergraduate freshmen, an applicant must present scores on the American College Test (ACT) or the Scholastic Aptitude Test (SAT) and satisfy Requirements A and B below:

Requirement A

The applicant is a graduate of an accredited high school and has completed the following subjects.

LANGUAGE ARTS: 4 years of successfully completed high school courses (grades 9-12). All units must include reading and writing experiences. Courses in speech and journalism may be substituted if they include substantial amounts of reading and writing.

MATHEMATICS: 4 years of successfully completed high school courses (grades 9-12). One year of algebra I, 1 year of algebra II, and 1 year of geometry. UNL also requires an additional year of mathematics that builds on a knowledge of algebra.

SOCIAL STUDIES: 3 years of successfully completed high school courses (grades 9-12). One year drawn from American and/or world history, 1 additional year drawn from history, American Government and/or geography, and an additional year drawn from any social science discipline.

SCIENCE: 3 years of successfully completed high school courses (grades 9-12). At least 2 years must be selected from biology, chemistry, physics, and earth sciences. One of the above units must include laboratory instruction

FOREIGN LANGUAGE: Two years of successfully completed high school courses (grades 9-12). Both years must be in the same language. Students who are unable to take 2 years of foreign language in high school may still qualify for admission. Such students will be required to take 2 semesters of foreign language at the University of Nebraska.

ADDITIONAL ACADEMIC REQUIREMENTS: As noted above UNL requires an additional year of mathematics that builds on a knowledge of algebra. UNK and UNO require 1 year chosen from any academic discipline.

Requirement B

In addition to meeting the above core course requirement, students seeking admission to the University on any campus, shall:

1. Be ranked in the 50th percentile or higher of their graduating class in an accredited high school.

OR

2. Have received an ACT composite score of 20 (enhanced) or greater.

OR

3. Have received an SAT total score of 950 or greater.

ADMISSION OF STUDENTS

Students seeking admission to any campus of the University will have their academic records reviewed. These reviews will result in one of the following decisions:

1. Assured admission of students.
2. Admission of students by review may have certain conditions attached, like Taking certain courses on campus to make up certain deficiencies.
3. Admission of transfer students.
4. Deferred admissions, will have to take additional academic preparation, either high school or community college.

For further information concerning admission to the University campuses, see Mr. Fisher or Mr. Kucera

UNK & UNO – Same as UNL except 3 years math must include Algebra I, Algebra II, and Geometry

MIDLAND – 3 English, 2 Math and 2 Foreign Language

DOANE – 4 English, 3 Math, 4 Science, 3 Social Science

PERU – 4 English, 3 Math, 2 Lab Science, 3 Social Science

CHADRON – 4 English, 3 Math, 2 Lab Science, 3 Social Science

Most encourage some foreign language and computer lit. Some individual departments at various colleges and universities may have additional requirements for admission.

COMMUNITY COLLEGE & TECH SCHOOLS

Some programs offered by the College may require completion of prerequisite courses, physical examinations, and other special requirements such as CBPR training, certified copy of driving record, etc. All special requirements for admission are outlined in the individual program brochures or by the campus admissions office.

Admission to the college does not mean admission to all courses of programs. The following programs have special admission requirements: Dental Assisting, Dental Hygiene, Health Information Management Services, Medical Assisting, Practical Nursing, Associate Degree Nursing (R.N.) and Truck Driving. Admission requirements for these programs are listed with the course of study for each.

HIGH PLAINS GRADING SYSTEM

Students and parents have access to all student grades through the Infinite Campus Parent Portal. Students may print report cards at the end of each grading period if they choose. The grading system is as follows:

A+	98-100	P-	Passing based on relationship between achievement and ability
A	95-97		
A-	93-94		
B+	91-92		
B	88-90		
B-	86-87	Inc-	Incomplete. Students must complete work within a specified amount of time
C+	83-85		
C	80-82		
C-	77-79		
D+	75-76		
D	72-74		
D-	70-71		
F	00-69		

Grades for classes taught by High Plains Community instructors will be weighted.
Conversion to 4.0 Grading Scale:

100-94 = 4.0					
93 = 3.9	89 = 3.4	85 = 3.0	81 = 2.6	77 = 2.1	73 = 1.4
92 = 3.8	88 = 3.3	84 = 2.9	80 = 2.4	76 = 2.0	72 = 1.2
91 = 3.7	87 = 3.2	83 = 2.8	79 = 2.3	75 = 1.8	71 = 1.1
90 = 3.6	86 = 3.1	82 = 2.7	78 = 2.2	74 = 1.6	70 = 1.0
					69-0 = 0.0

Advanced Placement Courses include any courses taken for college credit.
College Level Courses include but are not limited to: English, Public Speaking, History After 1865, Intro to Psychology, Human Growth and Development, Principals of Sociology, Medical Terminology.

Conversion to 4.5 Grading Scale:

100-94 = 4.5					
93 = 4.4	89 = 3.9	85 = 3.5	81 = 3.1	77 = 2.6	73 = 1.9
92 = 4.3	88 = 3.8	84 = 3.4	80 = 2.9	76 = 2.5	72 = 1.7
91 = 4.2	87 = 3.7	83 = 3.3	79 = 2.8	75 = 2.3	71 = 1.6
90 = 4.1	86 = 3.6	82 = 3.2	78 = 2.7	74 = 2.1	70 = 1.5
					69-0 = 0.0

COURSES DESCRIPTION BY DEPARTMENT

Please note the prerequisites for each course and make sure you are eligible to register for those you sign up for. (Example: In order for you to take Geometry, you must have taken Algebra I and be a sophomore, junior, or senior.)

AGRICULTURE

0501 - Intro to Environmental and Agriculture Science (Agriscience)

- **Course Type:** Elective
- **Credits:** 10 (2 semesters)
- **Prerequisite:** None
- **Course Description:** This is a core course for the Agriculture, Food and Natural Resources Career Cluster which will build a knowledge base and technical skills in all aspects of the industry. Learners will be exposed to a broad range of agriculture, food and natural resources careers and Cluster Foundation Knowledge and Skills and introduction to leadership development and the FFA organization and career exploration. Classroom and laboratory activities are supplemented through the school greenhouse, animal lab, welding lab, and 10 acre test plot.

0502A - Introduction to Animal Science

- **Course Type:** Elective
- **Credits:** 5 (1 semester)
- **Prerequisite:** Permission of Instructor
- **Course Description:** This course focuses on the basic scientific principles and processes that are involved in animal physiology, breeding, nutrition, and care in preparation for an animal systems career major. Topics include animal diseases, animal genetics and breeding, animal nutrition, breeds of livestock, animal science issues, career opportunities and animal evaluation. Classroom and laboratory activities are supplemented through the school animal lab.

0502B - Introduction to Vet Science

- **Course Type:** Elective
- **Credits:** 5 (1 semester)
- **Prerequisite:** Permission of Instructor
- **Course Description:** This course will develop students' understanding of the small and companion animal industry, animal anatomy, animal nutrition, animal reproduction issues, animal ethics and welfare issues, animal health, veterinary equipment ID, veterinary medicine, and veterinary office practices. Classroom and laboratory activities are supplemented through the school animal lab.

0504 - Horticulture

- **Course Type:** Elective
- **Credits:** 5 (1 semester)
- **Prerequisite:** Permission of Instructor
- **Course Description:** This course focuses on the broad field of horticulture, with emphasis on the scientific and technical knowledge for a career in horticulture. Topics in this course include plant growth and development, plant nutrition, media selection, basic plant identification, pest management, chemical disposal, customer relations, career opportunities and leadership development. Classroom and laboratory activities are supplemented through the school greenhouse.

0505 - Introduction to Plant Science

- **Course Type:** Elective
- **Credits:** 5 (1 semester)
- **Prerequisite:** Permission of Instructor
- **Course Description:** This course focuses on knowledge, information, and skills related to the science of plant production and agronomy. The curriculum is carried out through lecture, application, and experience to provide the necessary skills for careers in agricultural production and management, and science. The content includes plant growth and reproduction, genetics, biotechnology and research, fertilizers, plant identification, controlling weeds and pests, and proper use of agricultural chemicals. Classroom and laboratory activities are supplemented through the school 10 acre test plot.

0507 - Introduction to Power, Structural, and Technical Systems

- **Course Type:** Elective
- **Credits:** 5 (1 semester)
- **Prerequisite:** Permission of Instructor
- **Course Description:** This course introduces selected major areas of agricultural mechanics technology; includes CAD programming and operation of CNC Plasma Table, small engine maintenance and repair, concrete construction, electrical wiring, maintenance of agricultural machinery, equipment and tractors. Learning activities include basic understanding, skill development and problem-solving. Classroom and laboratory activities are supplemented through the school welding laboratory.

0510 - Introduction to Agribusiness

- **Course Type:** Elective
- **Credits:** 5 (1 semester)
- **Prerequisite:** One Semester of Agricultural Science or permission of instructor
- **Course Description:** This course covers skills necessary for entry into employment or furthering education in an agriculture business. The course includes the study of business organizations, business structures, job responsibilities, job applications and interviewing, human relations, commodity marketing, economic principles, budgeting, finance, risk management and entrepreneurship skills.

0511 - Leadership

- **Course Type:** Elective
- **Credits:** 5 (1 semester)
- **Prerequisite:** Permission of instructor
- **Course Description:** This course provides instruction in leadership, human resource development and related careers course includes leadership in a community, leadership concepts/applications, characteristics of an effective leader, characteristics of an effective manager and related practicum.

ART

0201 - Art I

- **Course Type:** Elective
- **Credits:** 10 (2 semesters)
- **Prerequisite:** None
- **Course Description:** Students will explore the principles and elements of design. Projects will include work with a variety of media with emphasis on drawing and painting. Homework includes completing an information sheet on an artist and drawing for 90 minutes each week.

0202 - Art II

- **Course Type:** Elective
- **Credits:** 10 (2 semesters)
- **Prerequisite:** Art I
- **Course Description:** Students will apply the principles and elements learned in Art 1 to create original compositions. Emphasis will be on improving technical skills. A variety of both 2 and 3 dimensional media will be used. Homework includes completing an information sheet on an artist and drawing for 90 minutes each week.

0203 & 0204 - Art III & IV

- **Course Type:** Elective
- **Credits:** 10 (2 semesters)
- **Prerequisite:** Art I & Art II
- **Course Description:** Students will work to achieve improvement of individual skills and development of their personal artistic style. Students will work with the instructor to select their area of emphasis. Homework includes completing an information sheet on an artist and drawing for 90 minutes each week.

0205 - Photography I

- **Course Type:** Elective
- **Credits:** 10 (2 semesters)
- **Prerequisite:** None
- **Course Description:** Students will learn to use digital cameras with both automatic and manual settings. Topics covered will include composition, techniques for shooting a variety of subjects and image editing using Photoshop. Students are required to spend time outside of class taking pictures and reading about famous photographers.

0206 - Photography II

- **Course Type:** Elective
- **Credits:** 10 (2 semesters)
- **Prerequisite:** Digital Photography
- **Course Description:** Students will work to extend their knowledge of photography and Photoshop. Students will try out a variety of styles of photography, will create work within a series and will also use their photos to create composite images. Students are required to spend time outside of class taking pictures and reading about famous photographers._

0208 - Graphic Design I

- **Course Type:** Elective
- **Credits:** 10 (2 semesters)
- **Prerequisite:** None
- **Course Description:** This course introduces students to graphic design as a form of visual communication through the use of type, image, form, and color. Students will use traditional art materials as well as learn to use Photoshop, Illustrator, and InDesign. Students will learn the elements and principles of design and work with concepts of visual literacy. Projects will involve creating layout design, typography, corporate identity, advertising, packaging, and illustration. Students will work on individual as well as group projects. Students are required to spend time outside of class drawing or working with the computer programs.

BUSINESS & TECHNOLOGY

0401 - CS Discoveries (Foundations of Computing)

- **Course Type:** Required
- **Credits:** 5 (1 semesters)
- **Prerequisite:** None
- **Course Description:** CS Discoveries (Foundations of Computing) is designed for students who have never programmed before and serves as a starting point for Computer Science. Students will explore the impact of computing on society. Beyond learning the fundamentals of programming, students build computational-thinking skills by applying computer science to collaboration tools, modeling and simulation, and data analysis.

0402 - Intro. to Business

- **Course Type:** Required
- **Credits:** 5 (1 semesters)
- **Prerequisite:** None
- **Course Description:** This course is designed to introduce students to the Business, Marketing, and Management Career Field, which focuses on organization, economics, management, marketing, financial management, and operations. Career opportunities and technology will also be used and discussed.

0403 - Personal Finance

- **Course Type:** Required
- **Credits:** 5 (1 semester)
- **Prerequisite:** Sophomore Standing
- **Course Description:** The goal of Personal Finance is to help students to become financially responsible, conscientious members of society. To reach that end, this course develops student understanding and skills in such areas as income, money management, budgeting, financial goal attainment, the wise use of credit, insurance, and investments.

0404 - Career Development/Career Readiness

- **Course Type:** Required
- **Credits:** 5 (1 semester)
- **Prerequisite:** Sophomore Standing
- **Course Description:** Students learn and apply the career and college planning process using the Nebraska Career Education Model and related resources. Students will identify personal interests, skills, values, etc., and then apply this knowledge to both academic and career decision-making. Students will demonstrate progress/proficiency in Nebraska Career Readiness Standards of Practice which are current expectations in today's workplace.

DESKTOP PUBLISHING

0113 - Yearbook Journalism

- **Course Type:** Elective
- **Credits:** 10 (2 semesters)
- **Prerequisite:** Junior or Senior Status (can NOT join at semester)
- **Course Description:** The main purpose of this class is to produce the school's yearbook. The students will learn desktop publishing skills and the work it takes to produce a bound book over the course of a school year. Students will learn to take quality photographs, work with page layouts and organization, create and sell advertising on the phone and in person, and write for specific audiences, among many other design and writing skills that occur during the creation of the book. This class also produces monthly articles for the website and creates social media posts on the students, academics, and activities of the district.



ENGLISH

0101 - English I

- **Course Type:** Required
- **Credits:** 10 (2 semesters)
- **Prerequisite:** None
- **Course Description:** English I is an introductory course that provides a foundation of language skills needed throughout high school. This literature-based course emphasizes critical reading, vocabulary acquisition, and composition skills. Students will be exposed to a variety of literature. Weekly vocabulary study, and grammar practice are also required.

0102 - English II

- **Course Type:** Required
- **Credits:** 10 (2 semesters)
- **Prerequisite:** Sophomore Standing
- **Course Description:** Literature includes various novels, short stories, plays, and poetry. Students will practice writing through a variety of genres. The basics of grammar will be reviewed as well as a more in-depth study of usage. Weekly vocabulary study and grammar practice are required. Students will enhance writing skills through research writing and various essay modes of writing.

0103 - English III

- **Course Type:** Required
- **Credits:** 10 (2 semesters)
- **Prerequisite:** Junior Standing
- **Course Description:** Junior English is focused on preparing students to perform well on the ACT. Students will be working on critical thinking, reading, writing, and studying vocabulary words. Students will also be working through an online ACT prep course. A variety of literary genres will be studied. Students will enhance argumentative/persuasive writing skills.

0104 - English IV

- **Course Type:** Required
- **Credits:** 10 (2 semesters)
- **Prerequisite:** Senior Standing
- **Course Description:** Senior English is preparation for post-high school English use. Students will review applicable grammar skills and acquire and practice real-world vocabulary. Students will also have a review of the basics of research and essay writing including scholarship writing. A variety of literature and nonfiction texts are incorporated into the course.

FAMILY & CONSUMER SCIENCE

0351 - Introduction to Family & Consumer Sciences

- **Course Type:** Elective
- **Credits:** 10 (2 semesters)
- **Prerequisite:** None
- **Course Description:** This introductory course is intended to provide a basic overview of all areas within Family and Consumer Sciences. Basic knowledge and career skills that are applicable to personal growth and career development will be covered. Additional course topics include: leadership, communication, child development, mental health, nutrition and food preparation, clothing and interior design, and personal finance.

0352 - Lifespan Development

- **Course Type:** Elective
- **Credits:** 10 (2 semesters)
- **Prerequisite:** None
- **Course Description:** This introductory course explores the physical, intellectual, emotional, and social development of individuals across the lifespan from conception to death. Topics covered are external impacts on development including family structure and practices, theories of development, social and technological forces, and resources available to individuals and their outcomes.

0353 - Fundamentals of Nutrition & Culinary Essentials

- **Course Type:** Elective
- **Credits:** 10 (2 semesters)
- **Prerequisite:** None
- **Course Description:** This introductory course provides students with foundational knowledge and skills in food preparation and nutrition planning. Topics covered include career exploration, global food systems, six essential nutrients, dietary recommendations, kitchen and food safety and sanitation, food preparation skills, and meal planning concepts.

0354 - Child Development

- **Course Type:** Elective
- **Credits:** 10 (2 semesters)
- **Prerequisite:** Lifespan Development or Introduction to Family & Consumer Sciences
- **Course Description:** This intermediate course provides an overview of developmental stages in the prenatal period through 12 years of age building on concepts from the introductory course(s). Topics covered include how young children attain knowledge, behaviors, and skill and theories of child development to identify the effects of parenting practices, social, cultural, and linguistic diversity. The impact of quality child care and early childhood education on child growth and development will also be explored.

0355 - Nutrition

- **Course Type:** Elective
- **Credits:** 10 (2 semesters)
- **Prerequisite:** Fundamentals of Nutrition & Culinary Essentials
- **Course Description:** This intermediate course provides students with an introduction to the science of nutrition building on concepts from the introductory course. Topics covered include careers in nutrition, digestion and metabolism, functions of the six essential nutrients, nutrient recommendations, diets, meal planning, creating accommodations for consumers, and impacts of the national food system on production and consumerism. Food safety will also be reinforced in this course through hands-on learning opportunities.

0356 - Culinary Skills I

- **Course Type:** Elective
- **Credits:** 10 (2 semesters)
- **Prerequisite:** Fundamentals of Nutrition & Culinary Essentials
- **Course Description:** This intermediate course focuses on culinary skills development building on concepts from the introductory course. Topics covered include planning, preparing, and marketing a variety of menu items following industry standards. Technical skills will be developed through the use of professional tools and equipment.

0357 - Introduction to Design

- **NDE Code:** 090126
- **Course Type:** Elective
- **Credits:** 10 (2 semesters)
- **Prerequisite:** None
- **Course Description:** This introductory course explores the definition, application and evaluation of elements and principles of design in the interior and apparel industries. Topics covered include knowledge of textiles, apparel skills, and interior design skills. Design technology, career opportunities and the skills necessary for careers in design will also be included.

FOREIGN LANGUAGE

Studying a foreign language can open new experiences and new career opportunities to you. The benefits of knowing a foreign language extend to the world of work, especially in any profession that involves writing, editing, and speaking. Most jobs that use foreign language skills are jobs in which foreign language knowledge complements other skills. They are found in many industries. Foreign language study can help in understanding school subjects as well. Students who have taken several years of a foreign language find that they are aided in understanding and using English, since so many words we use are derived from other languages.

Although High Plains Community Schools does not require foreign language credits to graduate, most four-year colleges and universities require at least two years of a foreign language in order to graduate from that college or university. Most colleges or universities recognize credits earned in high school for foreign languages. Therefore, it is to your advantage to take these requirements in high school. This will save you time and money when trying to earn an undergraduate degree at a college or university.

0451 - Spanish I

- **Course Type:** Elective
- **Credits:** 10 (2 semesters)
- **Prerequisite:** None
- **Course Description:** Introduction to the language with concentration on pronunciation, grammar, conversation, and written exercises. Basic structures of the language will be taught with emphasis on speaking, listening, and writing.

0452 - Spanish II

- **Course Type:** Elective
- **Credits:** 10 (2 semesters)
- **Prerequisite:** Spanish I
- **Course Description:** If a student had a D any quarter for Spanish I, he/she must receive permission from the instructor before registering for Spanish II. Spanish II will be a continuation of the first year of Spanish with more emphasis on basic grammar principles, listening, reading and writing, and speaking.

MATHEMATICS

Due to the nature of the subject matter, a student should earn 10 credits at each level before progressing to the next more difficult level of mathematics.

ORDER COURSES MUST BE TAKEN:

- Year 1 - Algebra I
- Year 2 - Geometry
- Year 3 - Algebra II
- Year 4 - Trigonometry, Pre-Calculus or College Algebra

1052 - Pre-Algebra

- **Course Type:** Required
- **Credits:** 10 (2 semesters)
- **Prerequisite:** 7th or 8th grade math
- **Course Description:** This class is an introduction to algebraic ideas and problems. Students will be preparing for all of the algebra ideas that they will cover in Algebra I. In the course, students will cover real numbers, analyze and solve linear equations, use a function to model relationships, Investigate Bivariate Data, Analyze and solve systems of linear equations, congruence and similarity shapes, understand and apply the Pythagorean Theorem, and solve problems involving surface area and volume. Students in 7th grade taking Pre-algebra have to be recommended by previous teachers and be at or above state testing requirement scores. If students in 7th grade don't achieve a grade of 86 or above in this class they will have to retake the class their 8th grade year.

0051 - Algebra I

- **Course Type:** Required
- **Credits:** 10 (2 semesters)
- **Prerequisite:** Pre-Algebra
- **Course Description:** Algebra 1 is a freshman-level math class. It is the beginning of the high school math curriculum. Algebra 1 will be a build-up from Pre-Algebra. The class will dive deeper into the topics that were covered from the previous year and build up the knowledge to be applied in Geometry, Algebra II and Pre-Calculus/Trigonometry. The class covers all of linear algebra. We will be solving equations, identifying lines of equations, and being able to identify changes in equations. It will cover graphing multiple types of equations and finding answers using different methods. If you are taking this class as an 8th grader or previously taken Pre-Algebra as a 7th grader, you will have to earn an 86% or higher in order to receive high school credit and move. If the grade is not met, then you will retake the class your freshman year.

0053 - Geometry

- **Course Type:** Required
- **Credits:** 10 (2 semesters)
- **Prerequisite:** Algebra I
- **Course Description:** This course consists of plane geometry. Students will go over different types of lines, transformations of shapes, properties dealing with triangles, properties dealing with quadrilaterals and other polygons, similarity in shapes, trigonometry properties in right triangles, properties of circles, and probability within geometry. Students will also have to create proofs of properties, as well as prove why a theorem is a theorem.

0052 - Algebra II

- **Course Type:** Required
- **Credits:** 10 (2 semesters)
- **Prerequisite:** Algebra I & Geometry
- **Course Description:** Algebra II is the class that follows Geometry. It combines Algebra I material and solving skills from Geometry. We will be solving problems through algebraic processes that include graphing and equations. The class will cover linear functions and systems, quadratic functions and equations, polynomial functions, rational functions, rational exponents and radical functions, logarithmic functions, trigonometric equations and identities, and matrices. The concepts learned in Algebra II will prepare the student for Trigonometry.

0054 - Trigonometry

- **Course Type:** Elective
- **Credits:** 5 (1 semesters)
- **Prerequisite:** Algebra I, Geometry, Algebra II
- **Course Description:** Advanced mathematics is a continuation of Algebra II progressing into logarithms, trigonometry, its functions and identities, conic sections, sequences, series, probability, statistics and calculus.

0055 - Pre-Calculus

- **Course Type:** Elective
- **Credits:** 5 (1 semesters)
- **Prerequisite:** Algebra I, Geometry, Algebra II
- **Course Description:** Pre-Calculus, as its name indicates, is designed to prepare the student for Calculus. Topics include understanding algebraic and polynomial functions, exponential and logarithmic functions, and conic sections. Students will also study applications of trigonometry, trigonometric identities and equations, mathematical induction, and the concept of limits. The difficulty level of the material increases significantly throughout the semester. Students should be prepared to be challenged and work hard.

MUSIC

0251 - Band

- **Course Type:** Elective
- **Credits:** 10 (2 semesters)
- **Prerequisite:** Ability to play an instrument/permission of instructor.
- **Course Description:** Band is an elective class open to all 7-12 students, with permission of instructor, who are able to play a standard band instrument. Students will study and play many types and styles of music. Membership in the band requires special effort on the student's part. There will always be extra time in addition to class time when the band will practice or perform. Examples are: pep band, marching band, evening concerts, clinics, and early morning and small group rehearsals. The time spent in this class will be a rewarding one, as we will compete and attend many events throughout the year. If a student fails to participate in any event with the band, their grade will suffer. There will also be solo and small groups the student may be part of. These groups may perform in concerts and district music contest. Band will be a rewarding experience; an activity in which students will want to participate throughout their high school years.

0252 - Chorus

- **Course Type:** Elective
- **Credits:** 10 (2 semesters)
- **Prerequisite:** Ability to match pitch and sing melodic lines consistently. While no tryouts are held, the instructor reserves the right to test voices before granting admission.
- **Course Description:** The choir is an elective class open to all 7-12 students. It is a performance-oriented class in which music of all types is studied and performed at various contests and concerts throughout the year. A student will also be encouraged to try out for various small groups and solos. Because this class depends on active participation of all members, if a student fails to participate in any event with the choir, their grade will suffer. Choir will be a rewarding experience and one in which students will wish to participate throughout high school.

PHYSICAL EDUCATION

0301 - Freshman Physical Education

- **Course Type:** Required
- **Credits:** 10 (2 semesters)
- **Prerequisite:** None
- **Course Description:** This is an activity based class designed to address state standards for freshmen. The four basic areas of the program are:
 - Individual Sports: Emphasis on rules, skills, and strategy of individual sports.
 - Team Sports: Emphasis on rules, skills, and strategy of team sports.
 - Recreational Sports & Activities: Emphasis on activities that can be continued past high school.
 - Physical Fitness: Students will develop a base fitness level in the five areas of fitness that will prepare them for the elective classes offered to sophomores and athletics at HPC.
 - All freshmen will participate in the Physical Fitness testing assignments.

0302 - Physical Education

- **Course Type:** Elective
- **Credits:** 10 (2 semesters)
- **Prerequisite:** None
- **Course Description:** This class is designed for students interested in learning skills and strategies of team sports. This course will include daily skill instruction and implementation of those skills into a competitive game setting. Sports may include, but are not limited to: basketball, flag football, soccer, ultimate frisbee, pickleball, badminton, and volleyball. This course will also include daily cardiovascular fitness.

0303 - Health

- **Course Type:** Elective
- **Credits:** 5 (1 semester)
- **Prerequisite:** None
- **Course Description:** This course is intended to lay a foundation for making healthy decisions by building seven skills: accessing valid health information; analyzing internal and external influences; self-management; interpersonal communication; decision-making; goal setting; and advocacy. Students apply these skills to a variety of topics throughout the course, including mental and emotional health, social health, nutrition, physical fitness, substance use and abuse, disease prevention and treatment, and injury prevention and safety.

0304 - Sports Nutrition

- **Course Type:** Elective
- **Credits:** 5 (1 semesters)
- **Prerequisite:** None
- **Course Description:** This course is designed to provide the basic principles of sports nutrition for exercise/athletic performance with an emphasis on nutrition strategies for maximum performance and altering body composition; and nutrition before, during and after competition. Major topics explored include fluid and electrolytes, dietary supplements, hormones, performance enhancing substances and methods, and feeding and eating disorders.

0305 - Weightlifting

- **Course Type:** Elective
- **Credits:** 10 (2 semesters)
- **Prerequisite:** Physical Education 10-12
- **Course Description:** This course is designed to provide students with an opportunity to develop fitness through weight training, circuit training, plyometrics, core strengthening, speed agility, and flexibility training. Students will be exposed to a variety of weight training and fitness programs that will enable them to discover which are best suited to their individual needs. Students will also be educated in proper lifting techniques, safety factors, and muscle development in order to make them capable of developing their own weight training/fitness program.

0306 - Lifetime Fitness

- **Course Type:** Elective
- **Credits:** 10 (2 semesters)
- **Prerequisite:** Physical Education 10-12
- **Course Description:** This course is designed for students interested in learning skills and strategies for lifetime fitness. This course will include daily skill instruction in cardiovascular fitness, strength training and muscle flexibility with nutritional feedback on lifelong fitness program.

SCIENCE

0001 - Physical Science

- **Course Type:** Required
- **Credits:** 10 (2 semesters)
- **Prerequisite:** None
- **Course Description:** Some of the topics covered in this course are: Earth and its relation to man, motion and its relation to gravity, various types of work and their relationship to motion; measurement of temperature, metric system, magnetism, energy waves, friction, static electricity, basic chemistry.

0002 - Biology

- **Course Type:** Required
- **Credits:** 10 (2 semesters)
- **Prerequisite:** Physical Science
- **Course Description:** Biology is a course which involves the study of living organisms. Topics discussed in this curriculum include: proper use of a microscope, classification of organisms, cell structure and function, structure of animals, genetics, protozoans, photosynthesis and respiration, invertebrate and vertebrate animals, the human body and its systems, and animal dissection.

0004 - Chemistry

- **Course Type:** Elective
- **Credits:** 10 (2 semesters)
- **Prerequisite:** Junior Standing & Biology
- **Course Description:** Chemistry is a basic course, which deals with chemicals and how they combine and react with one another. Topics discussed in this curriculum are: how chemistry affects us, elements, physical and chemical properties, chemical formulas, chemical compounds, molarity, percentage composition, oxidation and reduction, titration, the atom and its structure, solute-solvent-solutions, and balancing chemical equations.

0005 – Advanced Biology

- **Course Type:** Elective
- **Credits:** 10 (2 semesters)
- **Prerequisite:** Junior Standing
- **Course Description:** Course will prepare students for the state required ACT test for juniors. Topics studied include microbiology, ecology, and human anatomy and physiology._

0006 – Physics

- **Course Type:** Elective
- **Credits:** 10 (2 semesters)
- **Prerequisite:** Juniors or Seniors with at least some advanced math background
- **Course Description:** Physics is the practical application of math concepts and theory to the physical phenomena of the universe. Topics studied include classical mechanics that covers both linear and angular motion, wave mechanics, optics, and nuclear physics.

0007 - Anatomy and Physiology

- **Course Type:** Elective
- **Credits:** 10 (2 semesters)
- **Prerequisite:** Junior Standing & Biology
- **Course Description:** This course deals with the structure and functions of the human body. Some of the things included in this study are: the structure and function of all the human systems such as the skeletal, muscular, digestive, circulatory, respiratory, nervous, endocrine, excretory, and reproductive systems.

SKILLED AND TECHNICAL SCIENCES

0506 - Nursery and Landscape

- **Course Type:** Elective
- **Credits:** 5 (1 semester - Spring)
- **Prerequisite:** None
- **Course Description:** This course examines the knowledge and skills used to produce and use horticultural plants. Topics include landscape design, plant identification, plant management, and pest management. The design portion builds upon knowledge within the Drafting course, which is recommended to take before this course. Students may also help with the greenhouse and plant sales in the spring.

0508 - Welding

- **Course Type:** Elective
- **Credits:** 5 (1 semester)
- **Prerequisite:** Permission of Instructor
- **Course Description:** This course provides students with instruction in metals, welding and related careers course includes metal equipment identification/maintenance/safe usage, introduction to oxyacetylene, oxyacetylene welding/cutting, introduction to arc and wire welding, arc welding using 6011 and 7018 electrodes, plasma cutting and related practicum.

0509 - Metal Fabrication

- **Course Type:** Elective
- **Credits:** 5 (1 semester)
- **Prerequisite:** Permission of Instructor
- **Course Description:** This course is designed to provide students with a more in-depth study of metals and fabrication with metal products. This course also provides students interested in agricultural mechanics the opportunity to explore the many career possibilities in the field of agricultural metal fabrication. Additionally, hands-on project construction activities using metal enhance the classroom learning experience. Students must complete one semester of welding to enroll in this class.

0514 - Woodworking

- **Course Type:** Elective
- **Credits:** 10 (2 semesters)
- **Prerequisite:** None
- **Course Description:** This is the introduction class for woodworking concepts. Topics of importance will be Shop Safety, Measuring, Estimation, Building principles, and Designing. Power tools such as table saws, miter saws, and routers are used in this class. Students will be required to build the beginning project of a nightstand as a competency check. This project cost will be split between the district and the students if they choose to take it home. This student cost is currently \$25 to take it home (18-19). This cost may change if price of materials goes up. The second semester will move into a project of the student's choice and design. The cost of this project will be funded entirely from the student.

0515 - Advanced Woodworking

- **Course Type:** Elective
- **Credits:** 10 (2 semesters)
- **Prerequisite:** Woodworking
- **Course limit:** One year, may take a second year with prior instructor approval.
- **Course Description:** This class is a continuation of the introductory class. Students will design, estimate and build projects of their choosing. They will be required to fund the total cost of the project. Students will again be required to cover safety, measuring, design, estimation and building. The instructor may challenge students to attempt more complicated processes or methods of the construction process.

0405 - Digital Media

- **Course Type:** Elective
- **Credits:** 10 (2 semesters)
- **Prerequisite:** None
- **Course Description:** This course is designed to teach students aspects of digital media. Students will develop basic tools and learn the process of production and project management. Digital Media uses skills developed in other classes such as Graphic Design to make clips. The digital media class has the responsibilities of the weekly HPC-TV show. This means the class expects one clip every week from every student. This class helps to strengthen a student's abilities of digital camera operations, shooting techniques, audio and lighting. Digital media students also have their first opportunity to film the STRIV Sports productions during the live home sports of football, volleyball, and girls and boys basketball.



SOCIAL STUDIES

0151 - American History

- **Course Type:** Required
- **Credits:** 10 (2 semesters)
- **Prerequisite:** None
- **Course Description:** American History is a two Semester course taken by all freshmen. This course covers the political, economic and social development of the United States from the early Civil War period, to the present.

0152 - World Studies

- **Course Type:** Required
- **Credits:** 10 (2 semesters)
- **Prerequisite:** Sophomore Standing
- **Course Description:** Geography and World History at the high school level prepares students to understand the world and their place in it. Beyond merely knowing “Where?” the geographically minded person will be better equipped to answer the question of “Why there?” An integrative study of our planet’s human and physical features will involve 21st century technologies and inquiry-based research methods. This approach will expand students’ geographic knowledge and enable them to think critically about problems. Through analysis of spatial patterns and relationships over time and place, students will be better able to make sense of both the past and present, and be well equipped to address society’s future needs.

0153 - American Government

- **Course Type:** Required
- **Credits:** 10 (2 semesters)
- **Prerequisite:** Junior Standing
- **Course Description:** American government is a two-semester course required of all Seniors. The course is designed to make the student familiar with his/her responsibilities within the governmental system. Topics covered will range from the workings of the constitution to the roles of the President. Areas of in-depth study will be the Federal and State Court system. The State Legislature will also be covered along with the Congress and how it operates.

SPEECH

0105 - Speech

- **Course Type:** Required (1 semester)
- **Credits:** 10 (2 semesters)
- **Prerequisite:** None
- **Course Description:** Speech is designed for all students wishing to improve public speaking and communication skills. The first several units deal with the basics of communication, preparation, style, and an overview of the various types of speeches. Thereafter, speeches are given on a regular basis to the speech class and other students/staff in the school. Students are evaluated on use of class time and improvement of the individual student over the course of the semester. During the competitive speech season, class time is given for practice. Students in the fall semester, however, are not required to compete.

0106 - Advanced Speech

- **Course Type:** Elective
- **Credits:** 5 (1 semester)
- **Prerequisite:** Speech
- **Course Description:** Advanced speech expands on skills acquired in Speech class. Designed for students competing in speech competition, this class allows for more in-depth practice of speech preparation, including writing, revising, and practicing various types of competition speeches. Students will also complete assignments that require analysis of speeches and scripts, discussion of organization and style, and development of the speaker's own skills in both writing, analysis, and performance.

ODYSSEYWARE

ELECTIVE COURSES

OdysseyWare software allows you to take an elective course on your own and at a time during the day that fits your schedule. It doesn't matter what period, you don't schedule a class, OdysseyWare is available for you to use!

Other advantages of taking an OdysseyWare course are:

- A. Your instructor is still part of the learning process. They set up the coursework and timeline for you prior to the start of the class.
- B. You work online throughout the class, which means that your laptop computer will be your textbook.
- C. The elective courses all have been chosen because they are not currently offered at High Plains. This is a fun opportunity to take a course that is unique!

Elective courses that can be offered at High Plains Community Schools include but are not limited to the following:

- 0008 - ODY Phys.Science
- 0009 - ODY Biology
- 0010 - ODY General Science
- 0060 - ODY Pre- Algebra
- 0061 - ODY Algebra I
- 0062 - ODY Algebra II
- 0063 - ODY Geometry
- 0064 - ODY Consumer Math
- 0109 - ODY English I
- 0110 - ODY English II
- 0111 - ODY English III
- 0112 - ODY English IV
- 0158 - ODY. American Government
- 0159 - ODY American History
- 0160 - ODY World Studies
- 0162 - ODY Corrections: Pol and Proc
- 0212 - ODY Art
- 0306 - ODY Physical Education
- 0307 - ODY Health
- 0308 - ODY Health Education
- 0410 - ODY Business
- 0411 - ODY Economics
- 0415 - ODY Personal Care Services
- 0456 - ODY French
- 0457 - ODY Japanes

Early College

CCC & High Plains HS Partnership



Early College: An opportunity for high school students to take college courses from Central Community College and work towards a 2-year or 4-year college degree during their junior and senior year of high school.

Top 15 CCC Early College Courses (credits)

#1 English Composition (3)	#2 Public Speaking (3)	#3 College Algebra (3)
#4 English Composition II (3)	#5 Introduction to Psychology (3)	#6 Geometry & Calculus I (5)
#7 Intro to Sociology (3)	#8 American History II (3)	#9 Applied Statistics (3)
#10 Pre-Calculus (5)	#11 Intro to Literature (3)	#12 General Biology (4)
#13 American Government (3)	#14 American Literature (3)	#15 Personal Financial Planning (3)

*Contact CCC or high school for dual credit sections

Eligibility Requirements

1. Must be 16 years old
2. Create a CCC student account
www.cccneb.edu/createaccount
3. Assessment scores recommended for ENGL and required for MATH 1140 and higher. (ACT or MAP)

Early College Cost

CCC charges \$16 per credit hour in student fees. Tuition varies by course up to \$44 per credit hour.

ACE Scholarship

The ACE Scholarship pays tuition and mandatory fees for qualified low-income high school students.

ccpe.nebraska.gov/ACE

Earn College Credits in High School

- Over 4,500 Early College students enrolled in 186 different CCC courses last year.
- Taking college classes strengthens your high school transcript and college applications.
- A great way to introduce yourself to the rigor of college-level classes and challenge yourself academically. You'll feel more confident and prepared your first semester at college.
- Early College students have an increased rate of attending a 4-year institution and have a higher GPA in college.
- Credit earned can apply directly towards a degree at CCC or may be transferred to another college/university to give you a jump start on the required curriculum.

What Courses Should I Take?

When selecting Early College courses consider:

1. **Is the course applicable to your degree?**
Most colleges and universities list their degree requirements and a 2-year/4-year plan on their website for students to reference.
2. **Does the course transfer?**
Transferability is always determined by the college or university that you plan to attend. CCC is one of 19 Nebraska institutions participating in the Nebraska Transfer Initiative.
<https://transfer.nebraska.edu>

Transition Advantage Scholarship 12 credits, get 12 free!

- Complete and earn a grade of "C" or higher in a minimum of 12 graded credit hours through CCC prior to graduating from high school.
- Scholarship will fund up to 12 credit hours, split over two semesters for full-time students enrolling at CCC within 12 months of graduating high school.

CENTRAL COMMUNITY COLLEGE

Affirmative Action/Equal Opportunity Institution

www.cccneb.edu

- NOTES -

