

CENTRAL CITY HIGH SCHOOL 2013-14 REGISTRATION INFORMATION

Instructions

Please read carefully the enclosed information. To make the most of high school training the student, with parental support, needs to plan with care. One should ask these questions: (1) What courses must I take to meet requirements for graduation from this high school or any other accredited high school? (2) What courses shall I take in order to meet admission requirements of the technical school, college, or university, which I expect to attend later? (3) What courses will best fit my abilities, needs, and interests? (4) What courses will best prepare me to meet my responsibilities in the home, community, and the work I expect to do?

Suggestions for Planning a Course of Study

Parents, teachers, and counselors should help the student determine as early as possible his/her interests and abilities. This task can best be completed through a cooperative effort.

College Prep

If the student has interests and abilities at the college level, there is a factor to keep in mind. The choice of a college or university should be made at an early date so that general entrance requirements and departmental entrance requirements can be met while attending Central City High School.

The colleges in the Nebraska University System require two years of the same foreign language at the high school level for entrance into college. If a student is undecided about attending a college or is someone who might find it difficult to attend a college, he/she can still take a foreign language for career exploration or for enhancing employment opportunities after school.

A student who chooses to attend college should certainly spend time in high school courses related to his/her area of interest and to college preparation. One purpose of high school is to provide the necessary academic background for the student to be successful at the college level. It is the responsibility of the parents and student to choose the appropriate courses (with the guidance of the teachers) for success at the college of his/her choice.

The Central City School District does not discriminate on the basis of race, color, national origin, sex, marital status, age, or handicap in admission or access to, or treatment or employment in, its programs and activities.

Tech Prep

Central City High School has collaborated with Central Community College for our school to become a Tech Prep school. As a Tech Prep school, CCHS students can earn free college credits through the career focused classes that they take in high school. The CCHS classes that are being articulated are in the areas of Business, Art, Industrial Technology, Agriculture, Health, and Family and Consumer Science.

The rationale behind Tech Prep is to promote more of a seamless transition for students from high school to further education and/or employment. If a student earns an "A" or "B" in an identified class, then the student may receive Tech Prep credits through Central Community College for free. This is especially beneficial if the student plans to attend a community college in the future. We are finding that a number of four year colleges are also accepting the Tech Prep credits.

Requirements for Graduation (Adopted in June 2009)

Students must have earned at least 230 semester hours of credit in the academic area to be eligible for a diploma (starting with the Class of 2013). A typical full year's course held every day for one period's duration would give a student 10 semester hours of credit. Within the semester hour requirements for graduation, a student must have successfully completed specific credit hours in the following courses, which total 190 credit hours.

English	40 credits	Art, Music, or Communications.....	5 credits
Science	30 credits	Computers.....	10 credits
Social Studies	35 credits	Career and Tech Ed and/or Foreign Lang.....	20 credits
Mathematics.....	30 credits	Career Exp and Personal Development (10 th grade)	5 credits
Physical Education/Health.....	10 credits	Speech and Personal Finance(11 th grade).....	5 credits

Credits may also be earned in the following non-academic courses:

Driver Education.....	2 credits
Band.....	3 credits per semester
Choir.....	3 credits per semester
Student Assistant	1 credit per semester (Only grade 12)

Requirements and Recommendations

1. Students should register only for those courses that they fully intend to complete. A student who must drop a course must do so within the first few days of the semester for which he/she is currently registered. Any drop after that time will be recorded as withdraw failing (WF) unless approved by the principal.
2. Any student who finds it necessary to drop a course after the first few days of the semester must first visit with the teacher, and arrange for a conference with the counselor or principal and parent. Before the schedule change can be finalized, a request must be completed with all parties: teacher, parent, and principal or counselor.
3. As long as the goals and mission of Central City High School and the outcomes of a particular course are met, it is allowable to deliver these outcomes through a variety of instructional delivery systems. These delivery systems might include CCHS courses, transfer courses from other accredited high schools, college or other community college classes, summer school extension classes, independent study courses from accredited institutions, differentiated curriculum, special projects, or other methods approved by the principal, counselor, and/or teacher. For every course not delivered at CCHS, course outcomes will be reviewed. For courses which do not match CCHS course outcomes exactly, additional study and/or courses may be required to fulfill CCHS requirements and credit.
4. Each student must take at least 7 courses a semester for credit. If students take courses outside of CCHS, this will count as one of the 7 courses if the course is for credit. Verification of enrollment in courses outside of CCHS will be required. Only seniors in good academic standing may Student Assist in place of having a Study Hall. Note: A senior taking DO with 1 period for Work Internship will be required 6 courses per semester unless approved by the principal.

Recommended Courses of Study

Technical Course of Study

English	40 credits
Science	30 credits
Mathematics.....	30 credits
Social Studies	35 credits
Career and Technical Ed	20 credits
P.E/Health.	10 credits
Computers	10 credits
Art, Music, or Communications	5 credits
Career Ex and Personal Develop..	5 credits
Speech and Personal Finance.....	5 credits

College Preparatory Course of Study

English.....	40 credits
Science	30 credits
Mathematics.....	40 credits
Social Studies.....	35 credits
Career and Technical Ed	10 credits
Foreign Language	20 credits
PE/Health	10 credits
Computers.....	10 credits
Art, Music, or Communications	5 credits
Career Ex and Personal Develop...	5 credits
Speech and Personal Finance.....	5 credits

College Requirements

Each college has certain admission requirements as a minimum number of years (credits) of high school English, Science, Math, etc., which students must meet. The colleges expect the students will have completed these requirements before enrollment in the college. If, however, a student has not met all of the admission requirements, he or she may be admitted on a provisional basis, with the understanding that the deficiency in high school courses will be removed as soon as possible.

Four years of high school work or the equivalent is required for admission to most undergraduate colleges. This means that students enrolled in a college or university must have earned a high school diploma or the equivalent. Students entering a trade school or community college for the purpose of earning an associate degree must have a high school diploma.

General Admission Requirements for Specific Colleges/Universities

University of Nebraska-Lincoln

1. **Language Arts**: 4 yrs. of English, which for us is: English I, English II, American Literature, and British Literature.
2. **Mathematics**: 4 yrs. of Mathematics, which for us is: Algebra I, Geometry, Algebra II, and 1 year that builds on Algebra II such as Transitional Math or Trig/Pre-Calculus.
3. **Sciences**: 3 yrs. of Science, which for us is usually: Physical Science, Biology, and Chemistry.
4. **Social Sciences**: 3 yrs. selected from American History, World History, American Government, World Geography, Psychology, Economics, or other Social Science course.
5. **Foreign Language**: 2 yrs. same Foreign Language.
6. Plus upper half of senior class or 20 on ACT, or 950 on SAT.

Below is a college at UNL that exceeds the general admission requirements above:

UNL College of Engineering --- ACT of 24 or SAT of 1110. Trigonometry - 1 semester. Pre-Calc - 1 semester. Chemistry - 1 yr. Physics - 1 yr. (Students who lack college entrance requirements may be admitted to the College of Engineering based on ACT scores, high school rank, and high school credits; or may be admitted to Pre-Engineering status in the Division of General Studies.)

University of Nebraska-Kearney

1. **English**: 4 yrs. of English, which for us is: English I, English II, American Literature, and British Literature
2. **Mathematics**: 3 yrs. of Mathematics, which for us is: Algebra I, Geometry, and Algebra II
3. **Natural Sciences**: 3 yrs. of Science, which for us is usually: Physical Science, Biology, and Chemistry.
4. **Social Sciences**: 3 yrs. selected from American History, World History, American Government, World Geography, Psychology, Economics, or other Social Science course.
5. **Foreign Language**: 2 yrs. same Foreign Language.
6. Plus 1 unit (year) selected from any of the above disciplines.
7. Students must be ranked in the upper half of the senior class, or have an ACT of 20 or have a SAT of 950.

Nebraska State Colleges

Admission to the Nebraska State Colleges is granted to students who have graduated from an accredited Nebraska high school. Students will be better prepared to succeed in the Nebraska State College System if they take a college prep curriculum while in high school. Students must also submit the results of their ACT to the Nebraska State College of their choice.

The Curriculum

ENGLISH

All students are required to register for two semesters of English each year. A minimum of 40 credits of English is required for graduation from Central City High School. Each semester consists of five credit hours upon completion.

9th grade: Engl I English I
10th grade: Engl II English II
11th grade: Tech Read and Wr I American Literature
12th grade: Tech Read and Wr II British Literature

ENGLISH I - 01093

Prerequisite: None
Grades: 9
Length: 2 semesters
Credits: 10

This course emphasizes writing skills, including the writing process, essay form, various essay formats, and 6-trait writing skills. Literary genres include plays, novels, short stories, poetry, and nonfiction. Grammar units include punctuation, sentence structures and patterns, agreement and usage. Vocabulary is also emphasized.

ENGLISH II - 01103

Prerequisite: English I
Grades: 10
Length: 2 semesters
Credits: 10

This course emphasizes writing skills; including style, essay format, library and research skills. Literary genres include drama, poetry, short stories, novels, and nonfiction. Grammar units include a review of sentence structure, punctuation, agreement, and usage. Vocabulary and principles of public speaking will also be covered.

AMERICAN LITERATURE/RESEARCH - 01112

Prerequisite: English II
Grades: 11
Length: 2 semesters
Credits: 10

Critical analysis of genres in American literature, basic writing techniques, vocabulary study, grammatical study of formal and informal writing, research paper fundamentals, and career exploration through shadowing. This course is for college prep students.

TECHNICAL READING AND WRITING I - 01114

Prerequisite: English II
Grade: 11
Length: 2 semesters
Credits: 10

This course will be designed for 11th grade students who do not plan to go to a four-year college. Literature study will focus on details and technical/job related reading. Writing will include job related composition, research, summary and detail, and exposition. Problem solving activities will be included.

BRITISH LITERATURE/COMPOSITION - 01124

Prerequisite: Am. Lit./Research
Grades: 12
Length: 2 semesters
Credits: 10

Advanced analysis of genres in British literature, advanced theme writing and development of creative styles, study of vocabulary, grammatical study of language, short research papers, critical book analysis, sentence and paragraph writing.

TECHNICAL READING AND WRITING II - 01115

Prerequisite: Tech Reading and Writing I
Grades: 12
Length: 2 semesters
Credits: 10

This course is designed for 12th grade students who do not plan to go to a four-year college and have completed Technical Reading and Writing I. Literature study will continue to focus on details and technical/job related reading. Writing includes composition, summary and detail and exposition. Included are continued studies in grammar and vocabulary.

SPEECH - 03092

Prerequisite: None
Grades: 11 - required
Length: 1 quarter
Credits: 2.5

An introductory course in oral communication. Emphasized are intra and inter-personal communication through activities in group discussion, speech organization, and delivery.

READING ESSENTIALS - 07088

Prerequisite: None
Grades: 9-12
Length: 2 semesters
Credits: 10

A course especially designed to promote reading and comprehension skills. Small group instruction and practice is utilized.

YEARBOOK - 06093

Prerequisite: At least a B average
Instructor's approval
Grades: 10 - 12
Length: 2 semesters
Credits: 10 (Course can be repeated for 10 credits each year)

This class publishes the school yearbook. The staff selects a theme for the book, designs a cover, selects and organizes the content, designs layouts, writes copy, photographs events, and creates the book using Adobe Page Maker. Staff members are also involved in advertising and yearbook sales. The yearbook advisor must approve enrollment in this class.

FOREIGN LANGUAGE

SPANISH I - 05093

Prerequisite: Solid academic record
Grades: 9 - 11
Length: 2 semesters
Credits: 10

Helps students attain an acceptable degree of Spanish language proficiency in the four skills of listening, speaking, reading, and writing. The material presented is practical and useful and relates to students' everyday lives. The students will be able to make use of their learned skills in today's multi-cultural society. The evaluation of the class will include tests, quizzes, projects, and daily assignments.

SPANISH II - 05103

Prerequisite: Minimum of C average in Spanish I or teacher recommendation
Grades: 10 - 12
Length: 2 semesters
Credits: 10

Furtheres the students' ability in speaking, understanding, reading and writing the Spanish language. Increased emphasis on listening comprehension and speaking is stressed. The students are encouraged to participate in simple conversations. The objective of the class is to become a good student who has practiced and worked consistently to be able to do well on a college entrance exam. The evaluation consists of tests, quizzes, projects, and daily assignments.

SPANISH III - 05113

Prerequisite: Minimum of C average in Spanish I, II or teacher recommendation
Grades: 11 - 12
Length: 2 semesters
Credits: 10

This course furtheres the fundamental skills in language use, places emphasis on the reading comprehension skill, and provides opportunity for self-expression in speaking and writing. The objective is to communicate successfully in basic survival situations and to help students appreciate authentic written and spoken Spanish-language media, thus encouraging their continued study of Spanish. Please note: Some four-year colleges and universities are requiring the equivalent of 4 years of the same foreign language for some degree programs (especially those that involve a Bachelor of Arts Degree).

SPANISH IV - 05123

Prerequisite: Minimum of C average in Spanish I, II, III or teacher recommendation
Grade: 12
Length: 2 semesters
Credits: 10

In Spanish IV the student will learn multiple tenses so that he/she can implement them in practical speaking, reading, and writing. The objective is to bring the student to a level of oral proficiency where he/she will be able to create with language and participate in more challenging conversations. Students will be exposed to a variety of authentic written and spoken Spanish-language media. Evaluations consist of tests, quizzes, projects, and daily assignments. Please note: Some four-year colleges and universities are requiring the equivalent of 4 years of the same foreign language for some degree programs (especially those that involve a Bachelor of Arts Degree).

SCIENCE

PHYSICAL SCIENCE - 11093

Prerequisite: Terra Nova test scores and teacher recommendation
Grades: 9
Length: 2 semesters
Credits: 10

Course emphasizes concepts and processes of physical science (introductory chemistry and physics). It involves concentrated "hands-on" laboratory work and individual progress. The course is designed for those students whose academic strengths are in science.

APPLIED PHYSICAL SCIENCE - 12093

Prerequisite: Terra Nova test scores and teacher recommendation
Grades: 9
Length: 2 semesters
Credits: 10

This course gives an overview of topics in the areas of chemistry, physics, earth science, and astronomy in such a way as to give a general well-rounded background.

BIOLOGY - 11103

Prerequisite: Physical Science or teacher recommendation
Grades: 10
Length: 2 semesters
Credits: 10

This course is designed to introduce students to major biological concepts and themes through lecture, laboratory and demonstration.

APPLIED BIOLOGY - 12103

Prerequisite: App. Physical Science or teacher recommendation
Grades: 10
Length: 2 semesters
Credits: 10

This course is designed to introduce students to major biological concepts relevant to the students' lives.

CHEMISTRY - 13113

Prerequisite: Biology or teacher recommendation
Previously or concurrently in Algebra II
Grades: 11 - 12
Length: 2 semesters
Credits: 10

A college prep course designed to introduce students to concepts in general chemistry, focusing on atomic structure, chemical reactions, solution chemistry, and mathematical techniques in science.

APPLIED CHEMISTRY - 13111

Prerequisite: Applied Biology or Biology
Teacher recommendation
Grades: 11 - 12
Length: 2 semesters
Credits: 10

An applied course designed to introduce students to concepts in general chemistry, focusing on the structure, composition, and properties of elements and compounds.

APPLIED EARTH AND SPACE SCIENCE - 13112

Prerequisite: Teacher recommendation
Grades: 11 - 12
Length: 1 semester
Credits: 5

This course is designed to introduce students to major earth and space science concepts relevant to the students' lives.

ADVANCED CHEMISTRY - 13123

Prerequisite: B average or above in Chemistry or teacher recommendation
Grades: 12
Length: 1 - 2 semesters
Credits: 5 - 10

A college prep course designed to introduce students to more advanced concepts in general chemistry. Topics will include biochemistry, organic chemistry, inorganic chemistry, and chemical research.

PHYSICS - 14123

Prerequisite: Chemistry and Algebra II, or teacher recommendation
Grades: 12
Length: 2 semesters
Credits: 10

A college prep course designed to introduce students to concepts in classical physics, with an emphasis on Newtonian mechanics, engineering principles, and mathematical techniques in physics. Students are strongly encouraged to simultaneously enroll in an advanced math course.

ADVANCED BIOLOGY - 15123

Prerequisite: Biology & Chemistry, or teacher recommendation
Grades: 11 - 12
Length: 2 semesters
Credits: 10

This course is designed to give college prep students sufficient background in biological science. Experimental research projects are conducted, and anatomy and physiology are covered.

SOCIAL STUDIES

AMERICAN HISTORY - 21093

Prerequisite: None
Grades: 9 - required
Length: 2 semesters
Credits: 10

A course designed to present basic concepts of American History from the Reconstruction to the present. Unit emphasis will be on the urbanization and industrialization of America in the late 19th century; the closing of the frontier, and the development of American military and economic power in the early 20th century; and the societal and commercial transformation of the United States from its cottage industry and agricultural base to the service and technology-oriented country we live in today.

WORLD HISTORY - 21103

Prerequisite: American History
Grades: 10 - required
Length: 2 semesters
Credits: 10

A history of the world beginning with the late Middle Ages to the Industrial Revolution. The analysis of economic, social, political, cultural, and other issues will be stressed. Geography will also be studied during this course. Students will also compare and contrast the major world religions

AMERICAN GOVERNMENT - 21124

Prerequisite: World History
Grades: 11 - required
Length: 1 semester
Credits: 5

The purpose of this course is to help students develop the knowledge, skills, and behaviors needed for citizenship in a democratic pluralistic nation and world. Students will analyze the economic, social, political, and cultural issues which influence the development of American society. Thinking skills, group work, modeling democratic processes, and information pertaining to American citizenship, history, and geography are included.

GEOGRAPHY - 22113

Prerequisite: None
Grades: 11 - required
Length: 1 semester
Credit: 5

This course will allow students to explore the development of global cultures. Topics discussed will be language; history; transportation; cultural celebrations including music, dance, food and rites of passage; economic and political structure including money, trade, and governments. The class will utilize the Internet, maps, atlases, textbooks and other resources to locate, define, and describe the major regions and cultures of the earth.

CURRENT EVENTS - 22110

Prerequisite: None
Grades: 10 - 12
Length: 1 semester
Credit: 5

Students will research current economic, political, social, and cultural problems, and explore how ongoing conflicts affect groups as well as individuals. Emphasis is upon America as a dynamic society in the 21st century, witnessing changes involving community, state, nation, and world. Some of the pressing problems facing our rapidly changing society will be examined in detail using a variety of media. Critical thinking skills and technology related research is emphasized. Speaking and listening skills are reinforced through class discussions and oral presentations. The study of interdisciplinary connections relates current events to history, plus a variety of technology is integrated throughout the curriculum.

CRIMINAL JUSTICE - 22091

Prerequisite: None
Grades: 11 - 12
Length: 1 semester
Credit: 5

This course provides the philosophical and historical background of the agencies that compose the criminal justice system. It focuses on the development of justice and law, crime and punishment, the administration of laws, the agencies' functions, career orientation, and public relations. We will cover different types of crimes and the difference between felonies and misdemeanors. We will also review the rights of the accused including 4th and 5th amendment rights. Class will also include mock trials, case studies, and the chance to talk to those in the criminal justice field.

SOCIOLOGY – 23113

Prerequisite: None
Grades: 11 - 12
Length: 1 semester
Credit: 5

This course provides a broad overview of sociology and how it applies to everyday life. Major theoretical perspectives and concepts are presented, including sociological imagination, culture, deviance, inequality, social change, and social structure. Students also explore the influence of social class and social institutions, such as churches, education, healthcare, government, economy, and environment. The family as a social structure is also examined.

PSYCHOLOGY - 99990

Prerequisite: None
Grades: 11 - 12
Length: 1 semester
Credit: 5

The course is an overview of individual thought and societal relationships. Major units include biology of the brain, learning techniques, memory, consciousness and dreams, human cognitive development, theories of personality, and psychological disorders. Interactive group projects, Internet activities, and speakers will be used to supplement the textbook resources.

ECONOMICS - 22093

Prerequisite: Minimum of B average in Social Studies or teacher recommendation
Grades: 11 - 12
Length: 1 semester
Credit: 5

This course is the study of individual needs and wants and the development of economic systems. Units discussed include the microeconomics of supply and demand; the macroeconomics of large-scale production and foreign trade;

money and banking; and investing in the stock market by participating in the Stock Market Game. Students will also have the opportunity to develop a complete personal business plan.

PERSONAL DEVELOPMENT - 21115

Prerequisite: None
 Grades: 10 - required
 Length: 1 quarter
 Credit: 2.5

This course is designed to help students develop positive and healthy life skills. Topics to be discussed include: the value of dreams and goals; choosing to accept positive challenges while avoiding unhealthy risks; accepting responsibility for personal choices; recognizing and dealing with individual emotions; developing productive communication skills; and learning to forgive and appreciate others, while preparing for the future.

MATHEMATICS

Students should take a math course every year. A minimum of 30 credits of Math is required for graduation from Central City High School. Each semester consists of five credit hours upon completion.

<u>Freshmen</u>	<u>Sophomores</u>	<u>Juniors</u>	<u>Seniors</u>
Geometry	Algebra II Intermediate Algebra	Trig/Pre-Calc Transitional Math Algebra II	Calculus Trig/Pre-Calc Transitional Math
Algebra I	Geometry	Algebra II Intermediate Algebra	Trig/Pre-Calc Transitional Math Algebra II
Basic Algebra	Basic Geometry	Geometry Algebra I	Algebra II Intermediate Algebra Geometry
Pre-Algebra	Basic Algebra	Basic Geometry	Consumer Math
Basic Math Skills	Pre-Algebra	Basic Algebra	Consumer Math

BASIC MATH SKILLS - 32104

Prerequisite: Current IEP
 Grades: 9 - 10
 Length: 2 semesters
 Credits: 10

This is a year-long course. This course covers basic math facts, measurement, calculations involving geometry, graphing, scale drawing and an introduction to algebra.

PRE-ALGEBRA - 33091

Prerequisite: Test scores or teacher recommendation
 Grades: 9 - 11
 Length: 2 semesters
 Credits: 10

This course is designed to give students a solid mathematics foundation before moving into Basic Algebra or Algebra I. A focus will be on basic number and arithmetic skills. Students will be introduced to simple algebra concepts and some basic geometry concepts.

BASIC ALGEBRA - 33093

Prerequisite: Test scores or teacher recommendation
 Grades: 9 - 11
 Length: 2 semesters

Credits: 10

Designed to give a student the basics of algebra so that the student may go on to other or higher level geometry or algebra courses. Main topics covered are working with variables; solving equations for one unknown; working with signed numbers; working operations with polynomials; graphing equations; working fractions, ratio and proportions, squares and square roots; and solving systems of equations.

BASIC GEOMETRY - 33103

Prerequisite: Basic Algebra
Grades: 10 - 12
Length: 2 semesters
Credits: 10

The basics of geometry are then taught with the study of facts and terminology of plane geometry. Many application problems are introduced involving perimeter, area, volume, circles and angle measurement, use of the Pythagorean theorem, geometric constructions, similar figures and scale drawings, and trigonometric ratios.

ALGEBRA I - 31093

Prerequisite: Pre-Algebra, or test scores and teacher recommendation
Grades: 8 - 12
Length: 2 semesters
Credits: 10

Basic to all related fields of science and mathematics. Emphasis is given to working with variables, solving equations with one and two unknowns, operations with polynomials, graphing equations, squares and square roots, solving systems of equations, factoring, inequalities, and absolute values.

GEOMETRY - 31103

Prerequisite: Algebra I and teacher recommendation
Grades: 9 - 12
Length: 2 semesters
Credits: 10

Should be taken by all college prep students. One of the main contributions of this course is the development of proper and correct reasoning and problem solving. Also, problems related to plane geometry and applications are studied.

INTERMEDIATE ALGEBRA - 31111

Prerequisite: Geometry and teacher recommendation
Grades: 10 - 12
Length: 2 semesters
Credits: 10

A math class that may be taken after Geometry, but before Algebra II to strengthen student mathematical skills.

ALGEBRA II (Dual Credit) - 31113

Prerequisite: Geometry and teacher recommendation
Grades: 10 - 12
Length: 2 semesters
Credits: 10

Topics of elementary algebra, functions, polynomials, equation solving, sequences, logarithms, probability, matrices, and beginning trigonometry are covered. College credit can be taken for this course.

TRANSITIONAL MATH - 34123

Prerequisite: Algebra II and teacher recommendation
Grades: 11 - 12
Length: 2 semesters
Credits: 10

A course for those planning to go to college who are not ready to take Trig/Pre Calc. Topics to be covered will be linear equations and inequalities, polynomial and rational functions, trigonometric functions and identities, conics, exponents and logarithms, sequences and series, and statistics.

TRIGONOMETRY/PRE-CALCULUS (Dual Credit) - 31123 Prerequisite: Algebra II and teacher recommendation
Grades: 11 - 12
Length: 2 semesters
Credits: 10

Designed for students wishing an advanced course in mathematics. First semester is a detailed study of trigonometry. Second semester is the study of sequences and series, statistics and pre-calculus. College credit can be taken for this course.

CALCULUS (Dual Credit) - 35123 Prerequisite: High grades in Algebra II or Trig/Pre-Calc
Grades: 12
Length: 2 semesters
Credits: 10

A course that is equivalent to a college Calculus I class. Course content covers a review of the pre-calculus topics, limits, and both differential and integral calculus. It can be taken in conjunction with the Trig/Pre-Calculus class. College credit can be taken for this course.

CONSUMER MATH - 33124 Prerequisite: None
Grades: 12
Length: 2 semesters
Credits: 10

A course covering topics of costs of transportation, purchase of consumer goods, banking and banking services, investments, taxes, insurance, retirement income, and cost of housing.

BUSINESS

WORD PROCESSING - 41103 Prerequisite: None
Grades: 9 – 12 required
Length: 1 semester
Credits: 5

This course is a prerequisite for Computer Applications. In this course, students will use a word processing program to master frequently used word processing functions while reviewing and producing professional documents. The students will become proficient in formatting documents for business and personal use. Activities using PowerPoint presentations will be initiated. The students will also complete a resume using the NCIS website.

INFORMATION TECHNOLOGY APP I - 44094 Prerequisite: Word Processing
Grades: 10 – 12 required
Length: 1 semester
Credits: 5

This class is designed to help students develop skills in using the computer for data entry and retrieval. Learning activities will center on word processing, database, and spreadsheet applications. Computer graphics will also be introduced in this course. Continued keyboarding skill development will be encouraged.

***INFORMATION TECHNOLOGY APP II - 44104** Prerequisite: Information Technology Applications I
Grades: 10 - 12
Length: 1 semester
Credits: 5

***Tech Prep** - This course is designed to provide students with an understanding of advanced computer concepts and give them the opportunity to solve applications problems on their own. The advanced applications include exercises that require creativity, imagination, and problem solving skills. Learning activities will center on word processing, database, spreadsheet, communication, desktop publishing, and multi-media presentation applications.

***ACCOUNTING I – 45103**

Prerequisite: None
Grades: 10 - 12
Length: 2 semesters
Credits: 10

***Tech Prep** - Accounting I provides an understanding of the basic principles of the double-entry accounting system. Students will study the accounting cycle for a sole proprietorship, a partnership, and a corporation. The course incorporates traditional methods of teaching accounting with current applications of computer technology. Recommended for all students who want to pursue a career in business.

***BUSINESS LAW – 47112**

Prerequisite: None
Grades: 10 - 12
Length: 1 semester
Credits: 5

***Tech Prep** - Business Law is a one-semester course designed to acquaint the student with a basic understanding of the legal rights and responsibilities necessary to be informed and productive citizens, employees and employers, and consumers in our society. The student will become familiar with criminal, civil, contract, juvenile, personal, and family law.

***INTRO TO BUSINESS, MARKET, AND MGMT– 43091**

Prerequisite: None
Grades: 10 - 12
Length: 1 semester
Credits: 5

***Tech Prep** - Introduction to Business provides an opportunity for students to understand the role of business in today's society. The course provides a basis for further study in business as well as offering useful and practical aspects of family living for all students. After the completion of the course, the student will have an understanding of the economic system and how it operates, know the prerequisites for becoming a good consumer, understand business-related activities, and apply terms and demonstrate an awareness of careers related to business and the education necessary to succeed in each.

***MARKETING – 43103**

Prerequisite: None
Grades: 10-12
Length: 2 semesters
Credits: 10

***Tech Prep** - This course will provide an opportunity for students to learn about the vital role that marketing plays in our economy and to develop valuable marketing skills. This course will cover the basic concepts of marketing, international marketing, promotion & advertising, distribution, price planning, marketing research, and marketing management. Students will be exposed to the various careers available in the marketing area and the effect of marketing on the global economy.

PERSONAL FINANCE - 41104

Prerequisite: None
Grades: 11 - required
Length: 1 quarter
Credits: 2.5

Personal Finance is a course designed to assist students in personal financial management skills. Students learn to manage their resources and make sound personal financial decisions. Units of study include budgeting, credit, insurance, investing, home ownership, banking, and taxes.

CAREER EXPLORATION – 49093

Prerequisite: None
Grade: 10 - required
Length: 1 quarter
Credits: 2.5

Through this course students will develop an awareness of career opportunities available. Students will develop strategies for wise career planning and be introduced to the knowledge and skills necessary to be a successful member of the workforce.

INDUSTRIAL TECHNOLOGY

TECHNOLOGY EDUCATION- 51094

Prerequisite: None
Grades: 9 - 12
Length: 1 semester
Credits: 5

This course will offer exposure to the four clusters of Industrial Technology: transportation, communication, construction, and manufacturing. Hands on experience will be provided in these areas when applicable. Safety will be taught and practiced while working in the shop.

***SMALL ENGINES - 55111**

Prerequisite: None
Grades: 10 - 12
Length: 1 semester
Credits: 5

***Tech Prep** (for juniors and seniors only) – An exploratory course designed to examine the principles of two and four cycle internal combustion engines. Course work will be limited to small single cylinder engines found on lawn mowers, tillers, snow blowers, generators, trimmers, chainsaws, etc.

POWER DRIVE – 55095

Prerequisite: Teacher recommendation;
A strong math, science, and/or technology background
Grades: 10 - 12
Length: 2 semesters
Credits: 10-12

This course, originally designed by the Nebraska Public Power District, will allow students a hands-on way to apply their studies through types of automotive, electric, and energy technology. This course is an educational effort that challenges high school students to design and build one-person electric vehicles during the school year. In the spring, these teams of students will compete with one another at organized rallies in areas such as vehicle breaking, maneuverability, and endurance.

MANUFACTURING/ WOODS I – 52093

Prerequisite: None
Grades: 10 - 12
Length: 1 semester
Credits: 5

This course will introduce students to up-to-date skills and techniques about wood and wood products, and instruction in the use of hand and power tools in the woodworking field. This course will provide exploratory experience, which gives the student insight into the major areas of woodworking. Students should enroll in Manufacturing Woodworking II for larger more complicated projects. Construction of a project is required. Safety will be stressed.

MANUFACTURING/ WOODS II – 52103

Prerequisite: Manufacturing/Woodworking I
Grade: 10 - 12
Length: 1 semester
Credits: 5

This course will expand on the knowledge gained in Introduction to Manufacturing/ Woodworking I. It will also provide instruction and information in the areas of furniture construction, cabinet making, and special setups of machine tools and fixtures. Safety will be stressed.

MANUFACTURING/WOODS III - 52113

Prerequisite: Manufacturing/Woodworking I

Manufacturing/Woodworking II
Grade: 11 - 12
Length: 1 semester
Credits: 5

This course will expand on the knowledge gained in Introduction to Manufacturing/Woodworking I, and Manufacturing/Woodworking II. Safety and problem solving will be stressed.

***PRINCIPLES OF DESIGN AND
PRE-CONSTRUCTION - 56103**

Prerequisite: None
Grades: 10 - 12
Length: 1 semester
Credits: 5

***Tech Prep** - This is an intermediate course in drafting which builds on skills introduced in Industrial Technology. Skills will include use and care of equipment, 3-view drawing, sectioning, dimensioning and orthographic projection. This course is a transition period with one quarter on the board and one quarter on the computer, introducing students to basic procedures on Computer Aided Drafting and Design. DWGeditor will be used as the main CADD program.

***APPLICATIONS IN DESIGN AND
PRE-CONSTRUCTION – 53113**

Prerequisite: Principles of Design and Pre-Construction
Grades: 10 - 12
Length: 1 semester
Credits: 5

***Tech Prep** - This course is designed to develop skills in Computer Aided Drafting. It provides methods for producing, viewing, and editing two-dimensional drawings and three-dimensional models. It will also provide students with problem solving skills, career leads, and real-world projects encountered in industry today. SolidWorks will be used as the main CADD program.

INTRODUCTION TO ARCHITECTURE TECH – 53115

Prerequisite: Principles of Design and Pre-Construct
Applications in Design and Pre-Construct
Grades: 11 - 12
Length: 1 semester
Credits: 5

This course will expose the students to the basic design and structure of residential buildings. The proper use and placement of various construction materials and products will be explored. CAD will be the primary method used when making architectural drawings. Chief Architect will be used as the main CADD program.

***APPLICATIONS IN CONSTRUCTION – 57123**

Prerequisite: Intro to Man/Woodworking I and
Man/Woodworking II,
teacher recommendation
Grade: 12
Length: 1 semester
Credits: 5

***Tech Prep** - Advanced course in tools and material used in industry today. Instructional areas will include building construction, and manufacturing. Students will work on a class project and/or individual project.

**COOPERATIVE EDUCATION/ DIVERSIFIED
OCCUPATIONS WORK BASED LEARNING - 49123**

Prerequisite: None
Grades: 12
Length: 1 semester
Credits: 5

This course is open to seniors on a selective basis. Instruction includes general and specific occupational information, and permits the student to be released from school for work experience. Life management skills will also be emphasized. A senior taking this class with 1 period for Work Internship will be required 6 courses per semester.

WORK INTERNSHIP - 49127 (1 period)

Prerequisite: Teacher permission, must have job
before semester begins, can't work for

parents or relatives
Grades: 12
Length: 2 semesters (1 period)
Credits: 10

Students must be enrolled in Diversified Occupations. Students will be permitted to have release time from school for an approved work experience. This may be a paid or an unpaid internship depending upon the individual training station. A maximum of five credits per semester toward graduation will be given, based upon the time spent at the workstation. All internships must have administrative approval. A minimum of 10 hours per week at the approved training station is required.

FAMILY AND CONSUMER SCIENCE

FASHION DESIGN - 63101

Prerequisite: None
Grades: 9 - 12
Length: 1 semester
Credits: 5

This course addresses the history of fashion, fabric art and printing, use of creativity to illustrate fashion concepts, and the application of artistic principles and techniques to the design of apparel and accessories. All students will design and construct projects.

FAMILY RELATIONSHIPS - 65113

Prerequisite: None
Grades: 11 – 12 or instructor permission
Length: 1 semester
Credits: 5

This course covers the study of the family as an institution and the roles and responsibilities of family members. It includes concepts such as communication, establishing and maintaining a couple relationship, exploring strong families, the impact of children in families, parenting responsibilities, and conflict management.

NUTRITION AND FOOD - 64104 (Semester 1)

Prerequisite: None
Grades: 9 – 12
Length: 1 semester
Credits: 5

This course provides students with knowledge and skills about food preparation, with a strong emphasis on nutrition and nutritional analysis, balanced diets, and satisfying special dietary needs. It includes safety and sanitation, proper use of equipment, meal planning and preparation, current food issues, the role of food in the family and global society, and the demonstration of teamwork skills.

***FOOD SCIENCE- 64105** (Semester 2)

Prerequisite: Nutrition and Foods
Grades: 9 - 12
Length: 1 semester
Credits: 5

***Tech Prep** - This course provides students with an understanding of the food science industry, food packaging/labeling, sensory evaluation of foods, marketing food products, constituents of foods, nutritive aspects of food constituents, operation of food industry, food processing, and food science applications, and exposure to careers related to food science.

***CHILD CARE/PARENTING – 68102**

Prerequisite: None
Grades: 10 - 12
Length: 1 semester
Credits: 5

***Tech Prep** - This course covers the study of human development (physical, mental, emotional, and social) from conception through pre-school. Major emphasis is on parenting theories and practices, providing a safe environment that optimizes development, and recognition of abuse and neglect.

HOUSING AND INTERIOR DESIGN – 63104

Prerequisite: None
Grades: 9 - 12
Length: 1 semester
Credits: 5

Through this course students will learn about homes as an environment for human growth, how to select a house, systems within a house, furnishing and maintaining a house, trends in housing, and an overview of related careers.

AGRICULTURAL EDUCATION

INTRODUCTION TO ENVIRONMENTAL AND AGRICULTURE SCIENCE – 71093

Prerequisite: None
Grades: 9 - 12
Length: 2 semesters
Credits: 10

Introduction to the Food and Fiber Industry: Intro to Agricultural Education, Careers in Agriculture, Supervised Agricultural Experience Programs, Record Keeping, Natural Resource Management, Fundamentals of Leadership, Intro to Agriculture Industry, Fundamentals of Agricultural Mechanics, Applied Technology in Agriculture, Agricultural Relationships to the Society.

HORTICULTURE - 72114

Prerequisite: None
Grades: 10 - 12
Length: 1 semester
Credits: 5

This course is an overview of the horticulture industry and skills needed for employment in the industry. Topics include gardening, turf grass use and maintenance, and tree and shrub care.

MANUFACTURING/WELDING – 73093

Prerequisite: None
Grades: 10 – 12
Length: 1 semester
Credits: 5

This course covers welding safety; basic arc, oxyacetylene, wire feed welding; and cutting principles of metal fusion.

***MANUFACTURING/ADVANCED WELDING – 73103**

Prerequisite: Welding
Grades: 10 – 12
Length: 1 semester
Credits: 5

***Tech Prep** - This course is an advanced welding course for students interested in project construction and position welding. Safety and metal properties are emphasized.

LEADERSHIP - 72115

Prerequisite: None
Grades: 10 – 12
Length: 1 semester
Credits: 5

This course is to identify different leadership styles, understand the importance of leaders, develop communication skills, and practice speaking skills. Problem solving and decision-making skills, along with goal setting and work skills are also covered. Other areas stressed include the importance of parliamentary procedure, meetings, and career exploration.

COMPANION ANIMALS - 72011

Prerequisite: None

Grades: 10 – 12
Length: 1 semester
Credits: 5

This course provides instruction on animal husbandry topics related to small animals that are served by a veterinarian. This includes breeding, grooming, care, and marketing of companion animals.

PLANT SCIENCE - 72113
Available 2013-14

Prerequisite: None
Grades: 10 - 12
Length: 1 semester
Credits: 5

This course is an introduction to crop and soil science, pasture and forage management, crop marketing, and record keeping.

***ADVANCED PLANT SCIENCE – 72123**
Available 2013-14

Prerequisite: Plant and Soil Science
Grades: 10 - 12
Length: 1 semester
Credits: 5

***Tech Prep** - This course emphasizes crop production, crop management, plant propagation, plant reproduction, commodity prices and marketing alternatives, and plant and seed identification.

***AGRIBUSINESS – 72131**
Available 2013-14

Prerequisite: None
Grades: 10 - 12
Length: 1 semester
Credits: 5

***Tech Prep** - This course covers areas of business management in agriculture. Topics include marketing products, entrepreneurship in farming, career planning, technology in agribusiness, international marketing, taxes and community leadership.

ADVANCED AGRIBUSINESS - 72132
(Recordkeeping)

Prerequisite: None
Grades: 10 – 12
Length: 1 semester
Credits: 5

This course is designed to assist students with money management, cash flow, budgeting, savings accounts, and checking accounts. It is especially helpful to students with jobs, livestock or crop projects, and those interested in entrepreneurship. Goal setting will be covered, both short-term and long-term, as well as taxes, insurance, credit cards, and loans. Record keeping books and computerized record systems will be used.

***NATURAL RESOURCES – 72111**
Available 2014-15

Prerequisite: None
Grades: 10 - 12
Length: 1 semester
Credits: 5

***Tech Prep** - This course is for students who are interested in natural resources and conservation. Areas of study include pollution, wildlife management, conservation techniques, forestry and energy uses.

ANIMAL SCIENCE - 72112
Available 2014-15

Prerequisite: None
Grades: 10-12
Length: 1 semester
Credits: 5

This class is an introduction to the livestock industry, livestock evaluation, and management of livestock enterprises, nutrition, and livestock markets, records and record keeping.

***ADVANCED ANIMAL SCIENCE – 72122**
Available 2014-15

Prerequisite: Animal Science
Grades: 10-12
Length: 1 semester
Credits: 5

***Tech Prep** - This course includes topics of animal digestive systems, animal physiology, and nutrients used by animals, classes of nutrients, deficiencies and feedstuffs.

PHYSICAL EDUCATION

P.E./HEALTH I - 81094

Prerequisite: None
Grades: 9 – 10 required
Length: 1 semester
Credits: 5

This class is recommended for 9th grade. To include but not limited to individual/dual sports activities: archery, golf, running, badminton, tennis, aerobics, weight lifting, swimming, and bowling and other individual or dual sports. This class will include rules, written and skills tests, participation and sportsmanship. The class will also include a portion of the semester in the areas of health, which will include personal health, nutrition, injury prevention and introduction to disease prevention and control. The course objective is to develop personal knowledge on individual sports and physical fitness, to develop an appreciation of lifetime activities and to develop an appreciation for personal health.

P.E./HEALTH II - 83094

Prerequisite: None
Grades: 9 – 10 required
Length: 1 semester
Credits: 5

The content of this course: Physical activity dealing with team sports and community health. The team sports will include but are not limited to: basketball, volleyball, flag football, soccer, hockey, softball and a creative unit. The team sports will also include: rules, written test, class participation, and sportsmanship. The health portion of the class will include the areas of mental and emotional health, substance use and prevention, and personal relationships. The course objective is to develop knowledge of team sports and physical fitness, sportsmanship and community health.

LIFETIME FITNESS - 83097

Prerequisite: P.E./Health I & II
Grades: 10 – 12
Length: 1 semester
Credits: 5

The course is designed to develop knowledge of lifetime activities and fitness training. Activities may include: dance, tennis, swimming, racquetball, wallyball, archery, and golf.

FITNESS TRAINING I - 86104

Prerequisite: None
Grades: 10 – 12
Length: 1 semester
Credits: 5

The course is designed to be a basic developmental fitness course with weight training, running, fitness testing, and aerobics.

FITNESS TRAINING II - 87104

Prerequisite: Fitness Training I
Grades: 10 – 12
Length: 1 semester
Credits: 5

The course is designed to develop muscular fitness and fitness testing.

ADVANCED FITNESS TRAINING - 88104

Prerequisite: Fitness Training I and II
Grades: 11 – 12
Length: 1 semester
Credits: 2

The course is designed to develop fitness training at an advanced level.

INTRODUCTION TO HEALTH SCIENCE 88093

Prerequisite: None
Grades: 11 – 12
Length: 1 semester
Credits: 5

This elective class introduces students to healthcare careers such as nursing, pharmacy, veterinarian medicine, etc. by use of discussions, guest speakers, and tours. Also included in the class are units on First Aid, CPR, and HIPPA.

***MEDICAL TERMINOLOGY – 88094**

Prerequisite: None
Grades: 11 – 12
Length: 1 semester
Credits: 5

***Tech Prep** - In this elective class, students will be introduced to the language of medicine. Students will follow the curriculum recommended through Central Community College and may possibly earn Tech Prep credits.

ART

ART I Introduction to Art - 91094

Prerequisite: None
Grades: 9 - 12
Length: 1 semester
Credits: 5

An introductory art class designed to improve the student's drawing skills, plus give the student the opportunity to explore painting and sculpture in one semester. Talent or no talent, this one's for you! This course will fulfill a student's fine arts requirements for graduation.

ART II Art Fundamentals - 91103

Prerequisite: None
Grades: 9 - 12
Length: 2 semesters
Credits: 10

An exciting and challenging art course designed for those students who would like to broaden their artistic ability. Areas of studio experience will include tempera, acrylic, and watercolor painting; a variety of drawing techniques; various sculptural mediums; pottery; and art appreciation. Students do not need to take Art I before enrolling in Art II.

ART III Painting & Sculpture - 91113

Prerequisite: Art II
Grades: 10 - 12
Length: 2 semesters
Credits: 10

An advanced art class for the serious art student, specializing in painting and sculpture. Students will focus primarily on acrylic painting the first semester, while experiencing a wide variety of sculptural mediums second semester. This is a highly recommended course for sophomore or junior art students.

ART IV Modern & Contemporary Art – 91123

Prerequisite: Art II and Art III
Grades: 11 - 12
Length: 2 semesters

Credits: 10

An exciting and dynamic advanced class designed for those students with a definite interest in art. Students will develop an awareness of art history, criticism, and studio skills in a variety of mediums. Areas of focus will include modern and contemporary art styles, movements, and techniques. This is a highly recommend course for all serious junior and senior art students.

***SENIOR ART STUDIO - 91129**

Prerequisite: 3 high school art courses,
plus approval by art teacher
Grades: 12
Length: 2 semesters
Credits: 10

***Tech Prep** - Senior Art Studio is a year-long advanced independent study studio art class for the senior “art serious” student who has shown above average ability in the completion of at least 3 other art courses. This independent study course is especially designed for students who are college bound or career oriented in the visual arts area. The presentation of a “senior show” is part of the course requirement.

***GRAPHIC DESIGN – 91125**

Prerequisite: None
Grades: 9 - 12
Length: 1 semester
Credits 5

***Tech Prep** - This class will introduce students to techniques used by today’s graphic artists. Through foundational design problems and the use of technology, students will complete projects ranging from designing CD covers, advertisements, magazine layout, package design, and poster work.

MUSIC

CONCERT CHOIR - 93094

Prerequisite: See course description
Grades: 9 - 12
Length: 2 semesters
Credits: 6 (3 credits each semester)

Concert Choir is open to 9th through 12th grade students who are interested in singing and performing and who have the approval of the instructor. Choir meets daily and is graded on participation in class and attendance at all required performances.

MUSICAL/PRODUCTION TECH - 95094

Prerequisite: See course description
Grade: 9-12
Length: 1 Semester (spring)
Credits: 3

Students will learn about “behind the scenes” aspects of putting on a dramatic production such as make-up, costuming, set-design, set construction, props, sound systems, and lighting systems. Students will be expected to support and assist with the school musicals and productions in the Performing Arts Center.

BAND - 94093

Prerequisite: See course description
Grades: 9 - 12
Length: 2 semesters
Credits: 6 (3 credits each semester)

Senior Band is open to any high school student who has had previous experience on a band instrument, has passed the required minimum skills test, and has the approval of the instructor. Band will meet five times a week, and 100% effort must be given at rehearsals. Students will be required to attend all events where the band is participating, including 7:00 am rehearsals. These will include all concerts, contests, parades, home football games, and pep bands. Small groups will be available for those desiring specialization.

MISCELLANEOUS

STUDY HALL – 99998

Prerequisite: None
Grades: 9 - 12
Length: 1 semester
Credits: 0 credits

An opportunity for high school students to study. No student may enroll in more than one study hall per semester.

STUDENT ASSISTANT - 99999

Prerequisite: Approval from counselor and principal
Grades: 12
Length: 1 semester
Credits: 1 credit

An opportunity for high school juniors and seniors who would like to assist a teacher or staff member with educational objectives. Students may Student Assist in place of having a Study Hall.

ADVANCED PERSONAL DEVELOPMENT - 21117

Prerequisite: None
Grades: 11 -12
Length: 1 semester
Credit: 5

This course is designed to help students further develop positive and healthy life skills. It will be an extension of the Personal Development course taught to all 10th grade students. Topics to be discussed include: the value of dreams and goals; choosing to accept positive challenges while avoiding unhealthy risks; accepting responsibility for personal choices; recognizing and dealing with individual emotions; developing productive communication skills; and learning to forgive and appreciate others, while preparing for the future.

TECHS - TECHNOLOGY EDUCATION CHALLENGE IN HIGH SCHOOL – 55091

Prerequisite: Interest in electronics and technology
Grades: 10 - 12
Length: 2 semesters
Credits: 10

This is a year-long course designed for students who have a strong interest in technology for personal and professional use. It consists of ten units of study including the annual “Build-A-Computer Day” and the “Wii Whiteboard Unit”. This course was developed through ESU 10, through the support of UNK and CCC.

SPECIAL PROGRAMS

Resource Room Classes – Possible choices for students with IEP’s

STUDY SKILLS - 07093

Prerequisite: Current IEP
Grades: 9 – 12
Length: 2 semesters
Credits: 5 credits (2.5 per semester)

This course is designed to help students organize, study, prepare for test and complete their homework. Students will be expected to keep a daily assignments book and work on weekly study skill packets. Study skills may be taken in place of a study hall or as a regular class.

LIFE SKILLS - 07099

Prerequisite: Current IEP
Grades: 9 – 11
Length: 2 semesters
Credits: 10 credits

This course will provide a scope of opportunities that will help students to become independent and productive members of society.

WORK EXPERIENCE - 07096

Prerequisite: Current IEP

Grades: 9 – 11
Length: 2 semesters
Credits: 10 credits

This course is designed to help prepare students for working after high school. Students will receive exposure to different job and job skills. Students will have a daily job assignment along with a variation of different daily experiences. This course can be taken for one or two periods a day.

BASIC MATH SKILLS - 32104

Prerequisite: Current IEP
Grades: 9 - 10
Length: 2 semesters
Credits: 10

This is a year-long course. This course covers basic math facts, measurement, calculations involving geometry, graphing, scale drawing and an introduction to algebra.

DUAL CREDIT CLASSES

CCHS plans to once again offer classes that can work as both high school and college credit classes through Central Community College (CCC). If a student who pays tuition to CCC earns a C or higher, CCC credits typically transfer to most colleges and universities, but to be sure a student should contact the registrar and the department of the college that he/she wishes to attend.

Please note that CCC now requires specific test scores or prerequisites for students who wish to take a CCC math or language arts course. They do not have specific requirements for CCC courses in other departments though.

The math classes listed below are taught by Mr. Negus and can be taken for dual credit. Since Mr. Negus is a CCHS teacher, students will use books that have been purchased by our high school and will earn high school credit. If a student is interested in taking one of these math courses for dual credit through CCC, the student must pay tuition to CCC, which is generally due in January.

Algebra II – 31113

MATH 1150 COLLEGE ALGEBRA for 3 college credits through CCC
(MATH 101 College Algebra for 3 credits at UNL)

Trigonometry/Pre-Calculus – 31123

MATH 1410 PRE-CALCULUS for 5 college credits through CCC
(MATH 103 for 5 credits at UNL)

Calculus – 35123

MATH 2060 ANALYTIC GEOMETRY AND CALCULUS I for 5 college credits through CCC
(MATH 106 for 5 credits at UNL)

In order to enroll in the classes labeled DL (Distance Learning), students will need to pay tuition to CCC and will need to purchase for their own books. All students will be enrolled for dual credit, earning both high school and CCC credits. The DL classes that we plan to offer are:

DL – English Composition – 01134	ENGL 1010	ENGLISH COMPOSITION
DL – College Literature – 01112	ENGL 2100	INTRODUCTION TO LITERATURE
DL – Intro to Psychology – 99989	PSYC 1810	INTRODUCTION TO PSYCHOLOGY
DL – Intro to Sociology – 23111	SOCI 1010	INTRODUCTION TO SOCIOLOGY
DL – Economics – 09093	ECON 2110	PRINCIPLES OF MACROECONOMICS

DRIVER EDUCATION

SUMMER DRIVER EDUCATION - 56104

Prerequisite: 14 years old, or special arrangements
Grades: 9 - 12
Length: 30 hours classroom

12 hours observation
6 hours driving
Credits: 2 credits

A selective course to teach students to drive safely and acquaint them with laws governing the use of motor vehicles. This course will be offered only in the summer, and a tuition fee will be charged.