

Wilber–Clatonia Jr/Sr High School

Course Description Catalog

2018-2019

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GRADUATION REQUIREMENTS

English	English 9, 10, 11, 12	40 Credit Hours
Social Studies	American Government plus 20 credit hours from American History I, American History II, or World History	30 Credit Hours ⁴
Mathematics	30 credit hours in grades 9-12 must include Algebra, Geometry, and one other Math course.	30 Credit Hours ^{6***}
Science	Science 9, Biology, plus one other Science course.	30 Credit Hours ³
Physical Education		10 Credit Hours ²
Foreign Language/Career Education/Fine Arts		20 Credit Hours
Elective		80 Credit Hours
Minimum Credits Required		240 Credit Hours ^{5**}

GRADUATION/COMMENCEMENT EXERCISES³

Graduation exercises will be conducted for students who:

- A. Complete their requirements for a course of study
or
Complete their final Individualized Education Plan (IEP)
- B. Students must receive the necessary administrative recommendations.
- C. All students will need to meet the graduation requirements to participate in commencement exercises.

Policy Adopted: August 15, 1997²

Policy Adopted: August 21, 2000³

Policy Adopted: December 20, 2004⁴

Policy Adopted: July 18, 2005^{5**} **Begins with the 2009 graduating class.**

Policy Adopted: June 17, 2013^{6***} **Begins with the 2015 graduating class.**

WILBER-CLATONIA GRADUATION PROGRESS WORKSHEET

(for the Graduating Class of 2022 and Prior)

ENGLISH – 40 CREDITS

English 9	_____	_____	English 11	_____	_____
English 10	_____	_____	English 12	_____	_____

MATH – 30 CREDITS *(Algebra I and Geometry are required. Algebra IA with Algebra IB equals Algebra I.)*

Algebra I	_____	_____	Algebra IA	_____	_____	& Algebra IB	_____	_____
Geometry	_____	_____						
<i>(Math Elective)</i>								

SOCIAL SCIENCE – 30 CREDITS *(American Government is required. Must get 20 credits from the following: American History I, American History II, and World History.)*

<i>(Social Studies Elective)</i>	_____	_____	
<i>(Social Studies Elective)</i>	_____	_____	
American Government	_____	_____	

SCIENCE – 30 CREDITS *(Science 9 & Biology are required. Must have third year of Science.)*

			Science 9

<i>(Science Elective)</i>	_____	_____	

PHYSICAL EDUCATION – 10 CREDITS *(PE 9/ Health & Wellness is required.)*

PE 9/ Health & Wellness _____

FOREIGN LANGUAGE/CAREER (Voc) EDUCATION/FINE ARTS – 20 CREDITS

<i>(Foreign Lang/Vocational /Fine Arts Elective)</i>	_____	_____	
<i>(Foreign Lang/Vocational /Fine Arts Elective)</i>	_____	_____	

ELECTIVES – 80 CREDITS *(If a student takes more than required in a core class, it goes towards elective credits.)*

TOTAL CREDIT SUMMARY – 240 CREDITS REQUIRED TO GRADUATE

	<u>Sem. 1</u> <u>Credits</u>	<u>Sem. 2</u> <u>Credits</u>	<u>Total</u> <u>Credits</u>	<u>Cumulative</u> <u>Credits</u>
9th Grade	_____	_____	_____	
10th Grade	_____	_____	_____	_____
11th Grade	_____	_____	_____	_____
12th Grade	_____	_____	_____	_____
			TOTAL:	

WILBER-CLATONIA GRADUATION PROGRESS WORKSHEET

(for the Graduating Class of 2023 and After)

ENGLISH – 40 CREDITS

English 9	_____	_____	English 11	_____	_____
English 10	_____	_____	English 12	_____	_____

MATH – 30 CREDITS *(Algebra I and Geometry are required.)*

Algebra I	_____	_____
Geometry	_____	_____

_____ *(Math Elective)*

SOCIAL SCIENCE – 30 CREDITS *(American Government is required. Must get 20 credits from the following: American History I, American History II, and World History.)*

_____ <i>(Social Studies Elective)</i>	_____	_____
_____ <i>(Social Studies Elective)</i>	_____	_____
American Government	_____	_____

SCIENCE – 30 CREDITS *(Science 9 & Biology are required. Must have third year of Science.)*

	Science 9	_____	_____
	Biology	_____	_____

_____ *(Science Elective)*

PHYSICAL EDUCATION – 10 CREDITS *(PE 9/ Health & Wellness is required.)*

PE 9/ Health & Wellness	_____	_____
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FOREIGN LANGUAGE/CAREER (Voc) EDUCATION/FINE ARTS – 20 CREDITS

_____ *(Foreign Lang/Vocational /Fine Arts Elective)*

_____ *(Foreign Lang/Vocational /Fine Arts Elective)*

ELECTIVES – 80 CREDITS *(If a student takes more than required in a core class, it goes towards elective credits.)*

TOTAL CREDIT SUMMARY – 240 CREDITS REQUIRED TO GRADUATE

	<u>Sem. 1</u> <u>Credits</u>	<u>Sem. 2</u> <u>Credits</u>	<u>Total</u> <u>Credits</u>	<u>Cumulative</u> <u>Credits</u>
9th Grade	_____	_____	_____	_____
10th Grade	_____	_____	_____	_____
11th Grade	_____	_____	_____	_____
12th Grade	_____	_____	_____	_____
			TOTAL:	

FRESHMAN YEAR ELECTIVES	1st Semester	2nd Semester	Notes:
Elective _____	_____	_____	
Elective _____	_____	_____	
Elective _____	_____	_____	
Elective _____	_____	_____	
Total Elective Credits	_____	_____	

SOPHOMORE YEAR ELECTIVES	1st Semester	2nd Semester	Notes:
Elective _____	_____	_____	
Elective _____	_____	_____	
Elective _____	_____	_____	
Elective _____	_____	_____	
Elective _____	_____	_____	
Total Elective Credits	_____	_____	

JUNIOR YEAR ELECTIVES	1st Semester	2nd Semester	Notes:
Elective _____	_____	_____	
Elective _____	_____	_____	
Elective _____	_____	_____	
Elective _____	_____	_____	
Elective _____	_____	_____	
Elective _____	_____	_____	
Total Elective Credits	_____	_____	

SENIOR YEAR ELECTIVES	1st Semester	2nd Semester	Notes:
Elective _____	_____	_____	
Elective _____	_____	_____	
Elective _____	_____	_____	
Elective _____	_____	_____	
Elective _____	_____	_____	
Total Elective Credits	_____	_____	

FRESHMAN YEAR ELECTIVES	1st Semester	2nd Semester	Notes:
Elective _____	_____	_____	
Elective _____	_____	_____	
Elective _____	_____	_____	
Elective _____	_____	_____	
Total Elective Credits	_____	_____	

SOPHOMORE YEAR ELECTIVES	1st Semester	2nd Semester	Notes:
Elective _____	_____	_____	
Elective _____	_____	_____	
Elective _____	_____	_____	
Elective _____	_____	_____	
Elective _____	_____	_____	
Total Elective Credits	_____	_____	

JUNIOR YEAR ELECTIVES	1st Semester	2nd Semester	Notes:
Elective _____	_____	_____	
Elective _____	_____	_____	
Elective _____	_____	_____	
Elective _____	_____	_____	
Elective _____	_____	_____	
Elective _____	_____	_____	
Total Elective Credits	_____	_____	

SENIOR YEAR ELECTIVES	1st Semester	2nd Semester	Notes:
Elective _____	_____	_____	
Elective _____	_____	_____	
Elective _____	_____	_____	
Elective _____	_____	_____	
Elective _____	_____	_____	
Elective _____	_____	_____	
Total Elective Credits	_____	_____	

TYPICAL 4-YEAR COLLEGE ADMISSION REQUIREMENTS*

UNL Admission Requirements

Category	Units	Requirements
ENGLISH	4	<ul style="list-style-type: none"> All units must include intensive reading & writing experiences
MATHEMATICS	4	<ul style="list-style-type: none"> Algebra Algebra II Geometry One additional unit that builds on knowledge & concepts Learned in Algebra II
SOCIAL SCIENCE	3	<ul style="list-style-type: none"> 1 unit drawn from American and/or world history 1 additional unit drawn from history American government and/or geography a 3rd unit drawn from any social science discipline
NATURAL SCIENCE	3	<ul style="list-style-type: none"> At least 2 units selected from : <ul style="list-style-type: none"> biology chemistry physics earth/physical sciences 1 unit must include laboratory instruction Anatomy/physiology counts as a unit
FOREIGN LANGUAGE	2	<ul style="list-style-type: none"> Both units 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 NOTE: Some University of Nebraska-Lincoln degree programs require the equivalent of 4 years of high school foreign language in the same language in order to graduate. View foreign language requirements by degree at: http://admissions.unl.edu/nebraska/foreign-language-req.aspx

* Requirements listed are only an example of the typical requirements to gain admission into a 4-year University. Please contact the school you are considering or visit their website for the most up to date Requirements.

JR. HIGH COURSE DESCRIPTIONS

JUNIOR HIGH BAND

Length/Offered: Year

PS: 129931

Level: 7th, 8th Grades

NDE: 120500 INSTRMUSIC

Junior high band meets 3 times per week and is offered to all students who are proficient on a traditional concert band instrument. Students who have not previously been in band but would like to join will be asked to take private lessons with the director.

Junior High band members are expected to participate in the summer band program. The Junior high band performs at Czech Days, three home concerts, district music contests, and two pep bands with the high school band throughout the year.

JUNIOR HIGH CHOIR

Length/Offered: Year

PS: 129930

Level: 7th, 8th Grades

NDE: 120400 VOCALMUSIC

Junior High Choir introduces a seventh grade student to choral singing and continues through the eighth grade. Students are given the opportunity to sing in unison, two part, three part and some four part music. Developing basic skills and knowledge, becoming a responsible musician and learning proper voice techniques are all covered within the curriculum guidelines. We will learn to work with the changing voice as well as develop better musicianship. This group will perform at Christmas, Soup and Song, pre-contest and contest at Milford. The students may also perform solos, duets, trios or other small groups and perform at the Milford Contest. Opportunities for Honor Choirs are available, such as: The Singing of Youth of Nebraska.

7TH & 8TH GRADE PHYSICAL EDUCATION

Length/Offered: Year

PS: 081346 & 081347

Level: 7th, 8th Grades

NDE: 080200 PHYS ED I

Physical Education: This course is designed to promote the fundamentals of skill development through the use of modified sport with the aim at developing skills needed for proper physical development. It allows students to achieve mature form in the basic skills of weight lifting, running, sport, and fitness with an emphasis on coordination, balance, gross and fine motor skills, cardiovascular and muscular strength and endurance. Students demonstrate the use of tactics like good sportsmanship, positive attitude, cooperation, teamwork, and effort within sport activities. They participate regularly in moderate to vigorous physical activities daily placing a lifelong participation in physical fitness. Students will be assessed on personal fitness 3-4 times a year.

Health Education: This course is designed to develop the knowledge on Health Education. Health concepts will be taught throughout the course of the year. Throughout the year the areas of nutrition, personal hygiene, fitness and exercise, drugs and alcohol, sexual health, wellness, and lifestyle skills will be taught with a weekly assessment and at semesters to test knowledge. Health education is focused to help aid in the development of the young adults in 7th and 8th grade. It will help prepare them for other courses in Health education and further expand their knowledge on health information.

The intent of this program is to enable each student to enjoy physical activity through improved fitness levels and better understanding of each recreational and health activity.

7TH GRADE

ENGLISH 7

Length/Offered: Year

PS: 059930

Level: 7th Grade

NDE: 050001 LANG ARTS

The objective of English 7 is three-fold: 1) to explore the English language through the study of grammar; 2) to develop skills in using the English language through oral and written communication; and 3) to broaden thinking through the study of literature. Grammar units will include the parts of speech, correct usage, and sentence structure. Writing units will begin with the basics of writing and may culminate in the writing of organized paragraphs, poetry, and other creative writing. Life-time skills such as spelling, vocabulary, dictionary usage, note taking, etc. will be taught. An appreciation of literature will be fostered through the reading of short stories, novels, and poetry. Book talk presentations of student-selected novels are an integral part of the classroom multicultural experience. Students will use technology as appropriate and practice the norms of appropriate and responsible behaviors.

MATH 7

Length/Offered: Year

PS: 110809

Level: 7th Grade

NDE: 112802 MATH MGIII

Math 7 uses the McDougal Littell Course 2 textbook. Course 2 covers rational numbers, their operations and their algebraic representation. Students will cover algebraic thinking, decimals, fractions, data, integers, equations, inequalities, functions, ratios, proportions, and percentages.

SOCIAL STUDIES 7

Length/Offered: Year

PS: 150810

Level: 7th Grade

NDE: 150012 SOC MG II

This course has two sections: Introduction to Civics and Introduction to Consumer Economics. Civics is the study of government systems with the primary focus on democracy at the national, state, and local levels. We will look different Executive, Legislative, and Judicial branch functions and duties as well as citizenship and some early United States history. In Consumer Economics we will look at our economic system through different aspects. Money, banking, careers, interests, and consumer knowledge will all be covered.

SCIENCE 7

Length/Offered: Year

PS: 130410

Level: 7th Grade

NDE: 130802 SCI MG II

Science 7 is a class that covers a wide variety of topics related to life science and earth science. This course gives a foundation for high school science courses. The class will include inquiry based and lecture based learning activities. The units covered include what is science, cells, heredity, biological evolution, environmental science, and astronomy.

ART 7

Length/Offered: Trimester

PS: 029930

Level: 7th Grade

NDE: 020801 ART MG II

Art 7 students will experience a variety of art mediums while discovering new techniques in producing fine arts. Seventh grade students will understand color theory using various painting mediums. Students will focus on the elements of art when creating their projects. They will produce a variety of two dimensional and three dimensional projects. Seventh grade students will have daily sketchbook assignments to further develop their creativity. This class is designed to inspire creativity in a hands on format.

INDUSTRIAL ARTS 7

Length/Offered: Semester

PS: 100700

Level: 7th Grade

NDE: 100500 TECH ED

Prerequisite:

Career: CEFOUND

Industrial Arts 7 covers technology of the present and future as it applies to manufacturing in society today. Areas being covered include lasers, robotics, CO₂ car, alternative energy, hydraulics and pneumatics, bridge building, and electronics. A rocket and woodworking shelf are constructed as a class project.

KEYBOARDING APPLICATIONS 7

Length/Offered: Semester

PS: 270501

Level: 7th Grade

NDE: 033501 KEYBD APP

Prerequisite:

Career: CFOUND

Keyboarding Applications 7 is identified as a foundation knowledge and skill area for all students regardless of career interest. This middle-level course is designed for students to learn touch typing techniques and proper keystroking while continuing to develop composition and proofreading skills as well as speed and accuracy. Students will demonstrate keyboarding proficiency in document formatting. Students will demonstrate acceptable ethical and social behavior while developing keyboarding skills.

READING/STUDY SKILLS/LIBRARY SKILLS 7

Length/Offered: Semester

PS: 050102

Level: 7th Grade

NDE: 050800 READ MG I

The objective of Reading/Study Skills/Library Skills-7 is to teach reading, basic library skills, and study skills. In the area of reading, there is a specific emphasis on reading comprehension, identification of main idea and theme, contextual cues, vocabulary building and word attack skills. In study skills students focus on developing good organization skills and study habits as well as a firm foundation in the use of research materials.

MUSIC APPRECIATION

Length/Offered: Semester

PS: 129930_7

Level: 7th Grade

NDE: 129930 MUSIC OTH

The goal of 7th Grade Music Appreciation is to increase student understanding and develop a greater appreciation for all types of music. Students will develop a music vocabulary so that they are able to more precisely describe what they are listening to and why or why not they do not like any piece of music they are exposed to.

We cover a wide range of musical topics including but not limited to: the seven elements of music, Classical, Opera, 20th Century, Jazz, Rock, Pop, Country, movie soundtracks, world music, and music piracy. Students will complete several analyses of listening examples in which they will be expected to use their growing vocabulary of musical terms. Listening examples will be provided either by the teacher or by the students themselves.

Students will complete and present multiple research projects related to the broader musical topic.

Students will also be given written assessments over material that is presented by the instructor.

8TH GRADE

MATH 8

Length/Offered: Year

PS: 110299

Level: 8th Grade

NDE: 110299 ALGEBRAPRE

Prerequisite: Math 7

This course is a continuation of 7th grade math and an introduction to Algebra. It is a bridge from concrete to the abstract study on mathematics. Topics included are number sense (exponents, integers, expressions), algebra relationship (representing mathematical situations with multi step equations, graphing, inequalities), geometry (exploring the relationships of geometric properties), and data (expand on understanding of statistics). Real world applications are also presented within the course content.

ALGEBRA I

Length/Offered: Year

PS: 110300

Level: 8th Grade

NDE: 110300 ALGEBRA BE

Prerequisite: Math 7

This course is the foundation for high school mathematics courses. It is the bridge from the concrete to the abstract study of mathematics. Topics include simplifying expressions and exponents, evaluating and solving equations and inequalities, graphing and writing linear equations, and probability and data analysis. Real world applications are presented within the course content.

ENGLISH 8

Length/Offered: Year

PS: 050011

Level: 8th Grade

NDE: 050803 LANG MG II

The objective of English 8 is to provide a continuation of the reading, writing, speaking and listening skills introduced in English 7. A unit on grammar will be covered and then incorporated into the rest of the year. Students will improve their writing skills focusing on the Six Traits of Writing through a variety of small and big writing assignments. Short stories, poetry, novels, nonfiction and fiction will be covered in separate units. Students will work on communication skills by having small presentations throughout the year. Students will use technology as appropriate and practice the norms of appropriate and responsible behaviors.

GEOGRAPHY 8

Length/Offered: Year

PS: 150701

Level: 8th Grade

NDE: 150700 GEOGRAPHY

World Geography concentrates on developing an understanding of our world and its people. The class will consist of an introduction of our world and how to study it; including map skills, use of a globe, an atlas and the computer. These skills and geographical knowledge will be applied to various areas of the world. In addition, various topics and their impact on the world today will be studied (hunger, overpopulation, the environment, etc.).

SCIENCE 8

Length/Offered: Year

PS: 130300

Level: 8th Grade

NDE: 130803 SCI MG III

Science 8 is a class that covers a wide variety of topics related to physical science and the human body. This course gives a foundation for high school science courses. The class will include laboratory and group activities. The units covered include what is science, matter, elements and the periodic table, human body systems, motion, forces and energy.

READING/STUDY SKILLS/RESEARCH SKILLS 8A

Length/Offered: Semester

PS: 059932

Level: 8th Grade

NDE: 050801 READ MG II

The objective of Reading/Study Skills/Research Skills-8A is to teach RTI reading, and basic research and organizational/study skills. In the area of reading, there will be intense review of comprehension and retention skills, fluency and consistency practice and the introduction of themes/interpretations. The learner must be able to identify and use new vocabulary words. The research skills are designed to orient students to the organization and research capabilities of the media center and the computer. In the area of study skills, the learner attempts to form organizational skills and develops study habits including basic skills in note taking, time management, test-taking and self-directed learning. Students will learn the SQ3R (Survey, Question, Read, Recite, Review) process, use technology appropriately and construct meaning using prior and background knowledge. Students will be encouraged to make predictions based on the main ideas found in high interest texts.

READING/STUDY SKILLS/RESEARCH SKILLS 8B

Length/Offered: Semester

PS: 059932

Level: 8th Grade

NDE: 050801 READ MG II

The objective of Reading/Study Skills-8B is to teach RTI reading, study, and research skills. In the area of reading, there are specific themes and comprehension skills the learner will gain from the activities. The learner must be able to identify the main theme, the context of the story and new vocabulary words. The research skills are designed to assist students in finding valid information, both primary and secondary, to formulate a thesis and answer questions. In the area of study skills, the learner attempts to form organizational skills and strong study habits including basic skills in note taking, time management, test-taking and self-directed learning. Students will learn the SQ3R (Survey, Question, Read, Recite, Review) process, use technology appropriately and construct meaning using prior and background knowledge. Students will be encouraged to make predictions and inferences based on the main ideas found in texts of multiple genres.

FOREIGN LANGUAGE 8

Length/Offered: Semester

PS: 069932

Level: 8th Grade

NDE: 065000 LAN SURVEY

This is an introductory course giving eighth grade students insight to other countries and their perspective languages and cultures. This class will be dedicated to understanding the basics of communication and its importance. During the fall semester will spend time learning about different cultures and languages, and how language influences culture. In the spring we will learn the basics of the Spanish language and at least one other language that will be determined by student interest. By the end of this course students will be familiar with a variety of cultures and languages and use this knowledge to develop cultural tolerance.

CHARACTER EDUCATION ****Length/Offered:** Trimester**PS:** 90506**Level:** 8th Grade**NDE:** 260200 ADOLE DEV**Prerequisite:**

Character Education follows the Six Pillars of Character taken from Character Counts, as well as other various character traits. The traits include trustworthiness, respect, responsibility, fairness, caring, citizenship, honesty, courage, diligence and integrity. Class discussions, role playing, speeches and group projects will be used incorporating one or more of the traits. Character Education is a class focused on allowing students to evaluate their values, choices and reflect on the type of person they are becoming.

COMPUTER APPLICATIONS 8 ****Length/Offered:** Trimester**PS:** 270502**Level:** 8th Grade**NDE:** 033422 COMP APP**Prerequisite:****Career:** CEFOUND

This middle-level course is designed to emphasize digital citizenship, basic computer operations, word processing applications, spreadsheet applications, presentation applications, and technology communication tools. Students will master keyboarding skills; compose, create, edit, and format word processing documents; organize and manipulate data in a spreadsheet; and prepare a formal presentation.

INTRODUCTION TO AGRICULTURAL CAREERS ****Length/Offered:** Trimester**PS:** 018001**Level:** 8th Grade**NDE:** 018002 AG CAR LIT**Prerequisite:****Career:** CEFOUND

Introduction to Agricultural Careers is an exploratory course for 8th grade students. Students explore a variety of careers in agriculture and gain knowledge and skills about animal science and plant science. Students complete several projects to learn about agriculture concepts. Classroom and Lab activities are supplemented through SAE and leadership programs and activities.

*** Each 8th grade student will take all three trimester classes. Each class will be taken consecutively for a 3rd of the school year, and will show separately on all report cards and mid-terms.*

HIGH SCHOOL COURSE DESCRIPTIONS

AGRICULTURE

INTRODUCTION TO AG, FOOD AND NATURAL RESOURCES

Length/Offered: Year

PS: 011001

Level: 9th Grade

NDE: 011000 AG/EN-INTR

Prerequisite:

Career: CEAGFNRS

Introduction to Ag, Food and Natural Resources is the introductory course from the Agriculture, Food and Natural Resources Career Cluster providing 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, cluster foundation knowledge and skills, introduction to leadership development, the FFA organization and career exploration. Classroom and laboratory activities are supplemented through Supervised Agricultural Experiences (SAE) and leadership programs and activities.

** Students may be required to compete at a District Career Development Event*

ANIMAL SCIENCE

Length/Offered: Semester (Fall Semester of Even Calendar Year)

PS: 011004

Level: 10th, 11th, 12th Grades

NDE: 011004 ANI BIO

Prerequisite: Introduction to Ag, Food and Natural Resources

Career: CEAGFNRS

Animal Science is a course focusing on the basic scientific principles and processes that are involved in animal physiology, breeding, nutrition and care in preparation for an animal systems career. Topics include animal disease, introduction to animal science, animal nutrition, animal science issues, career opportunities and animal evaluation. Classroom and laboratory activities are supplemented through Supervised Agricultural Experiences (SAE) and leadership programs and activities.

** Students may be required to compete at a District Livestock Evaluation Contest.*

COMPANION ANIMALS / VET SCIENCE

Length/Offered: Semester (Spring of Odd Calendar Year)

PS: 011006

Level: 10th, 11th, 12th Grades

NDE: 011006 COM ANIMAL

Prerequisite: Introduction to Ag, Food and Natural Resources

Career: CEAGFNRS

Companion Animals provides instruction on animal husbandry topics related to companion animals that are served by a veterinarian. This course includes breeding, grooming, care and marketing of companion animals. Classroom and laboratory activities are supplemented through FFA Contests/ Career Development Events, Supervised Agricultural Experiences (SAE), and leadership programs and activities.

** Students may be required to compete at a District Vet Science Contest.*

AGRIBUSINESS

Length/Offered: Semester (Every Fall Semester)

PS: 011009

Level: 11th, 12th Grade

NDE: 011009 AGRI BUSN

Prerequisite: Introduction to Ag, Food and Natural Resources

Career: CEAGFNRS

Agribusiness 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 applications and interviewing, human relations, marketing, selling, displaying, using business machines, management and entrepreneurship skills. Classroom and laboratory activities are supplemented through Supervised Agricultural Experiences (SAE) and leadership programs and activities.

AGRICULTURAL SALES

Length/Offered: Semester (Every Spring Semester)

PS: 011011

Level: 11th, 12th Grade

NDE: 011011 AG SA/ENTP

Prerequisite: Introduction to Ag, Food and Natural Resources

Career: CEAGFNRS

Agricultural Sales covers the fundamentals and techniques of successful selling, developing sales personality and the selling cycle. Classroom and laboratory activities are supplemented through Supervised Agricultural Experiences (SAE) and leadership programs and activities.

HORTICULTURE

Length/Offered: Semester (Fall Semester of Even Calendar Year)

PS: 012000

Level: 11th, 12th Grades

NDE: 011007 HORT

Prerequisite: Introduction to Ag, Food and Natural Resources

Career:

This course focuses on the broad field of horticulture, with emphasis on the scientific and technical knowledge for a career in horticulture. Topics in the course include plant growth and development, plant nutrition, media selection, basic plant identification, pest management, chemical disposal and customer relations. Classroom and laboratory activities are supplemented through Supervised Agricultural Experiences (SAE) and leadership programs and activities.

** Students may be required to compete at a District Soil Evaluation Contest.*

LANDSCAPING

Length/Offered: Semester (Spring of Even Calendar Year)

PS: 012001

Level: 10th, 11th, 12th Grades

NDE: 012001 NURS LAND

Prerequisite: Introduction to Ag, Food and Natural Resources

Career: CEAGFNRS

Landscaping introduces students to the principles of design, methods of establishing and maintaining landscapes and landscape business management procedures. The course includes arranging plants, objects and earth in the landscape; covers culture and maintenance of plants. Emphasis will also be placed on floriculture introducing business procedures, design principles and production techniques used in retail and wholesale floral businesses. Classroom and laboratory activities are supplemented through Supervised Agricultural Experiences (SAE) and leadership programs and activities.

PLANT SCIENCE

Length/Offered: Semester (Fall Semester of Odd Calendar Year)

PS: 011008

Level: 10th, 11th, 12th Grades

NDE: 011007 PLANT SCI

Prerequisite: Introduction to Ag, Food and Natural Resources

Career: CEAGFNRS

Plant Science focuses on knowledge, information and skills related to the science of plant production and agronomy and provides the necessary skills for careers in horticulture, agricultural production and management and science. The content includes plant growth and reproduction, biotechnology and research, fertilizers, plant and tree identification, controlling weeds and pests and proper use of agricultural chemicals. Classroom and laboratory activities are supplemented through Supervised Agricultural Experiences (SAE) and leadership programs and activities.

** Students may be required to compete at a District Soil Evaluation Contest.*

SPEECH DEVELOPMENT AND DELIVERY

Length/Offered: Semester (Every Fall Semester)

PS: 016910

Level: 10th, 11th, 12th Grades

NDE: 019930 AGRI OTHER

Prerequisite:

Career:

Speech Development and Delivery provides instruction for students to engage in the process of developing different types of speeches such as informative, demonstrative, entertainment, extemporaneous and persuasive. Students will write and deliver each of the different types of speeches after choosing a topic. *Classroom projects are supplemented through District FFA Leadership Skills Event.*

LEADERSHIP AND HUMAN RELATIONS

Length/Offered: Semester (Every Spring Semester)

PS: 017000

Level: 10th, 11th, 12th Grades

NDE: 017000 LEADER

Prerequisite:

Career: CEAGFNRS

Leadership and Human Relations includes instruction in leadership in a community, leadership concepts/applications, characteristics of an effective leader, characteristics of an effective manager and related practicum. Classroom and laboratory activities are supplemented through Supervised Agricultural Experiences (SAE) and leadership programs and activities.

FOOD SCIENCE

Length/Offered: Year

PS: 014000

Level: 11th, 12th Grades

NDE: 014000 FOOD SCI

Prerequisite: Introduction to Ag, Food and Natural Resources

Career:

Food Science is designed to give the student an overview of the food science industry and provide the skills to succeed in this industry. Student will encounter units on nutrition, the chemistry of food, food additives, sanitation, and processing/food preservation. This course will also take a closer look at the various careers available and cover many organizations that have a direct impact on the food science industry. The student will apply their knowledge learned in the classroom with various activities in the laboratory. Evaluations will include, but are not limited to, written tests along with application in the laboratory. Some hands on activities may include processing jerky and dehydration of other foods. Student may also apply their skills to the use of heat and cold for processing, packaging, labeling and preserving foods.

LIVE ANIMAL SELECTION/ CARCASS EVALUATION

Length/Offered: Semester (Every Fall Semester)

PS: 011005_DC

Level: 11th, 12th Grades

NDE: 011005 FOOD SCI

Prerequisite: Introduction to Ag, Food and Natural Resources

Career:

This course is designed to provide students an opportunity to become familiar with the Livestock and Meat Industries. Students will practice methods of selection and evaluation of live animals and carcasses, train in selection of breeding animals of economic importance, explore breeds, sex, and age classifications of livestock. Discover live animal cased carcass patterns, survey the live animal and carcass characteristics as well as explain the relative values of retail and wholesale cuts. * *Students may be required to attend and compete at a District Livestock Evaluation Contest.*

This class may be taken for Dual Credit through Southeast Community College, for more information see the Dual Enrollment section at the back of the book.

MEAT SCIENCE

Length/Offered: Semester (Every Spring Semester)

PS: 014001

Level: 11th, 12th Grades

NDE: 018081 FOOD SCI

Prerequisite: Introduction to Ag, Food and Natural Resources

Career:

This class is designed for career and technical education students who require all phases and types of competencies in the different meat industries. This course will follow the general introduction to the meat Industry, its history, the careers available, and the importance of safety and environmental concern. Points of interest intended to encourage the student to explore the production of meat from cattle, pigs, sheep, goats, poultry and various game animals. Students will interact with classmates and animals while testing their knowledge and skills in the classroom and laboratory, by identifying various cuts, grading those cuts, and demonstrate an understanding of chemical factors within those cuts of meat. The students will be required to investigate and report on several topics of each species of livestock as we travel together through the wonderful and exciting world of Meat Science. Classroom and laboratory activities are supplemented through FFA Contests/ Career Development Events, Supervised Agricultural Experiences (SAE) and leadership programs and activities. ** Students may be required to attend and compete at a District Meats Evaluation Contest.*

ART

ART I

Length/Offered: Year

PS: 020100

Level: 9th, 10th, 11th, 12th Grades

NDE: 020100 ART I

Art Fee: \$15.00

Projects: Varies depending on interest of class

Art 1 is a course that provides framework for future art classes. The basic building blocks are discovered and demonstrated through a variety of mediums. The language of visual arts is broken down into specific art projects. Vocabulary and design principles are emphasized as part of the art framework. Students will be introduced to a variety of paints and painting techniques which include watercolor, tempera, and acrylic paint. The student's personality and mood may be reflected in each artwork. Students will understand the basic drawing skills, color theory, work with pen & ink techniques. They will also study art history. Students will build large hand built pottery. Art is a powerful type of media and should be produced as a quality product in the public eye.

ART II

Length/Offered: Year

PS: 020200

Level: 10th, 11th, 12th Grades

NDE: 020200 ART II

Prerequisite: Art 1

Art Fee: \$17.00

Projects: Varies depending on interest of class

This class is designed to enhance students' thinking and creativity beyond the basic elements and principles of art. Designing and experimenting will be targeted toward further developing drawing, painting, pottery, and glass art techniques. Students will begin working on the ceramic wheel to gain additional experience working with clay. Students will advance their knowledge from basic to their own creative ideas.

ART III

Length/Offered: Year

PS: 020300

Level: 11th, 12th Grades

NDE: 020300 ART III

Prerequisite: Art I and Art II

Art Fee: \$19.00

Projects: Varies depending on interest of class

This class will allow each student to explore and develop art through various mediums, techniques and subject matter. Emphasis will be placed on individual creativity within drawing, pottery, sculpture, and painting. Working independently, students will develop a personalized course of study within their interest of study. This class involves hard work, passion and dedication for creating artwork. Art history is emphasized and studied.

ART IV

Length/Offered: Year

PS: 020400

Level: 11th, 12th Grades

NDE: 020400 ART IV

Prerequisite: Art I, Art II and Art III

Art Fee: To be determined by projects

Independent study allows the opportunity to explore individual interest in the art realm. This course involves motivation, dedication, and passion for creating/expressing art. All work will be developed in a series; artwork will be analyzed and developed throughout each quarter. On their own the student will show their personality, individuality, and self-expression through their work. Art history is emphasized and studied.

PHOTOGRAPHY

Length/Offered: Semester

PS: 020600

Level: 9th, 10th, 11th, 12th Grades

NDE: 020600 PHOTOGRAPH

Photography is a semester long course that will introduce the student to photography using digital cameras. The student will learn to control exposure through manipulating the components of the exposure triangle. Post production editing will be taught using readily available freeware.

MEDIA PRODUCTION

Length/Offered: Semester

PS: 270609

Level: 9th, 10th, 11th, 12th Grades

NDE: 270609 PHOTOGRAPH

Media Production focuses on creating digital video in a variety of formats. The students will learn how to write, film, and edit different types of productions such as how to videos or PSA's with an eye toward both web and hard copy distribution of the final product.

BUSINESS

INTRODUCTION TO BUSINESS, MARKETING, AND MANAGEMENT

Length/Offered: Semester

PS: 032300

Level: 9th, 10th, 11th, 12th Grades

NDE: 032300 INTROBUSNS

This class is designed as an introductory study of business. Topics of study include, but are not limited to, scope and function of business, basic business concepts, role of business in society, economic system, forms of business ownership, legal and ethical issues in business and career opportunities.

PERSONAL FINANCE

Length/Offered: Semester

PS: 033000

Level: 9th, 10th, 11th, 12th Grades

NDE: 033000 PERSON FIN

Prerequisite:

Career: CEFINANC

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, saving, investing, home ownership, banking, taxes, wills and estates.

INFORMATION TECHNOLOGY APPLICATIONS I

Length/Offered: Semester

PS: 331910

Level: 9th, 10th, 11th, 12th Grades

NDE: 270501 ITECH I

Prerequisite:

Career: CEINFOTE

Students will demonstrate basic skills in the areas of word processing, spreadsheet applications, database applications, electronic presentation, internet use, security issues and electronic communication. Students manage computer operations and file storage, identify ethical issues pertaining to information systems and learn about information technology careers.

INFORMATION TECHNOLOGY APPLICATIONS II

Length/Offered: Semester

PS: 332910

Level: 9th, 10th, 11th, 12th Grades

NDE: 270502 ITECH II

Prerequisite:

Career: CEINFOTE

Students will develop skills in advanced word processing and spreadsheet applications as well as integrating applications using word processing, spreadsheet, database and electronic presentation software. Students will develop skills in desktop publishing, including page layout and formatting, and web page development by creating and editing web pages. Students will demonstrate knowledge of advanced operating systems principles, basic computer troubleshooting, internet security issues, ethical issues pertaining to information systems and virus protection.

DIGITAL MEDIA

Length/Offered: Year

PS: 334910

Level: 10th, 11th, 12th Grades

NDE: 270602 DIG MEDIA

Prerequisite:

Career: CEAVCOMM

Students will develop skill in the electronic procedures of producing and editing publications. Students will create, format, illustrate, design, layout, edit/revise and print publications including electronically produced newsletters, flyers, brochures, reports, advertising materials and other publications, including the high school yearbook. Students will demonstrate document composition and communication competencies.

DIGITAL DESIGN (DIGITAL MEDIA 2)

Length/Offered: Year

Level: 11th & 12th Grades

Prerequisite:

Students will develop skill in the electronic procedures of producing and editing publications. Students will create, format, illustrate, design, layout, edit/revise and print publications including electronically produced newsletters, flyers, brochures, reports, advertising materials and other publications, including the high school yearbook. Students will demonstrate document composition and communication competencies.

PS: 270611

NDE: 270611 INT DIGTL

Career:

MARKETING MANAGEMENT

Length/Offered: Semester

Level: 10th, 11th, 12th Grades

Marketing Management class covers topics of the management of college, professional and amateur sports including careers associated with those venues. The course uses concepts, case studies, online simulations, and videos to study management functions, decision making, business strategies, financing, day to day operations, budgets, and legal issues surrounding the sports and entertainment venues.

PS: 038400

NDE: 038101 MARK MGT

ENTREPRENEURSHIP

Length/Offered: Semester

Level: 10th, 11th, 12th Grades

Entrepreneurship is a course designed to teach basic concepts and principles of the risks and rewards of owning a business. Students will learn business concepts to plan, organize, finance and manage a business in today's society. Marketing and finance skills will be covered in-depth about the business ownership. Computer skills will be necessary for this class as students will complete business plans using word processing, spreadsheets, power points, and desktop publishing skills.

PS: 032600

NDE: 032370 ENTREP

BUSINESS LAW

Length/Offered: Semester

Level: 10th, 11th, 12th Grades

Prerequisite:

A course designed to present the study of the legal rights and responsibilities necessary to be informed and productive citizens, employees, employers, and consumers in the free enterprise system. Key concepts include contracts and reports, the role of courts, regulation, litigation and constitutional issues including civil and criminal law.

PS: 030900

NDE: 030900 BUSNS LAW

Career: CEBUSMGT

ACCOUNTING

Length/Offered: Year

Level: 10th, 11th, 12th Grades

Prerequisite:

This two-semester course covers sole proprietorship accounting principles involved in the preparation and maintenance of financial records concerned with business management and operations. It is a comprehensive introduction to basic financial accounting including recording, summarizing and reporting, principles of income measurement and asset valuation, accounting systems and controls. Students are exposed to careers in the accounting field and are given the opportunity to perform accounting applications using the computer. An introduction to partnerships and corporations may be included.

PS: 030300

NDE: 030300 ACCT

Career: CEFINANC

ADVANCED ACCOUNTING

Length/Offered: Year

PS: 030301

Level: 11th, 12th Grades

NDE: 030301 ACCT AD

Prerequisite: Accounting (Also known as Accounting 1)

Career: CEFINANC

This course includes partnership and corporate accounting, adjustment in inventory control systems, budgetary control systems and further enhancement of accounting skills. Students are exposed to various careers in the accounting field and are given the opportunity to perform accounting applications using the computer.

ENGLISH

ENGLISH 9

Length/Offered: Year

PS: 050021

Level: 9th Grade

NDE: 050021 ENG I

- GRADUATION REQUIREMENT -

The objective of English 9 is to develop skills in using the English language and to broaden thinking skills through the study of literature and critical writing. Grammar units may include: parts of speech, parts of a sentence, proper usage, etc. Life-time skills such as spelling, vocabulary, note taking, study skills, etc. will be taught. Literary units may include the study of: *Romeo and Juliet*, *West Side Story*, novels, short stories, poetry, etc. Student writing will focus on reaction writings and the five paragraph expository theme. Book talk presentations of student-selected novels are an integral part of the classroom multicultural experience. Students will use technology as appropriate and practice the norms of appropriate and responsible behaviors.

ENGLISH 10

Length/Offered: Year

PS: 050022

Level: 10th Grade

NDE: 050022 ENG II

- GRADUATION REQUIREMENT -

The objectives of English 10 are to increase reading, writing, speaking and listening experiences as students enter young adulthood. English 10 consists of units including the literary genres of: short story, novel, script, multicultural (as chosen by student for book talk), poetry and essay (both expository and memoir). Writing units will mirror the reading as students will write extensively in at least two of these genres including reflective journals, poetry and/or essay. Vocabulary development will be stressed as well as Standard English (including parts of speech), the Six Traits of Writing, life-skills of organization and time management, and reading comprehension strategies. Speaking, listening and presentation will be accomplished through oral presentations of student developed pieces, book talks, group discussions and cooperative projects. Students will use technology as appropriate and practice the norms of appropriate and responsible behaviors.

ENGLISH 11

Length/Offered: Year

PS: 059931

Level: 11th Grade

NDE: 050301 AM LIT

- GRADUATION REQUIREMENT -

The objective of English 11 is to acquaint students with American literature. This survey course examines both classic and contemporary major American writers and literary movements. In addition to the study of short stories and poetry, seminal novels such as *Adventures of Huckleberry Finn*, *Of Mice and Men*, etc. may be studied. Student writing will focus on reaction writings, criticisms, and the persuasive five paragraph theme. Life-time skills such as spelling, vocabulary, note taking, study skills, etc. will be taught. Book talk presentations of student-selected novels are an integral part of the classroom multicultural experience. This course is recommended for those students planning on attending a community college, technical or trade school or entering the work force after high school. Students will use technology as appropriate and practice the norms of appropriate and responsible behaviors.

ENGLISH 11 CP

Length/Offered: Year

Level: 11th Grade

PS: 050023

NDE: 050023 ENG III

- GRADUATION REQUIREMENT -

The objective of English 11 College Prep is to acquaint students with classic American literature. This course takes a chronological approach to the study of the major American writers and literary movements. In addition to the study of short stories and poetry, seminal novels such as *Adventures of Huckleberry Finn*, *The Great Gatsby*, *Of Mice and Men*, etc. may be studied. Student writing will focus on reaction writings, criticisms, and the persuasive five paragraph theme. Life-time skills such as spelling, vocabulary, note taking, study skills, etc. will be taught. Book talk presentations of student-selected novels are an integral part of the classroom multicultural experience. This course is recommended for those students planning on attending a four year college after high school. Students will use technology as appropriate and practice the norms of appropriate and responsible behaviors.

ENGLISH 12

Length/Offered: Year

Level: 12th Grade

PS: 050024

NDE: 050506 APPLD COMM

- GRADUATION REQUIREMENT -

The objective of English 12 is to provide students with school-to-work English skills and knowledge of the use of the language arts in society, especially the workplace. Students will review reading, writing, listening and communication skills including research on a career. Writing will include technical and/or business documents such as letters of application, resumes, memos, etc. Modern literature, theatre and drama, historical literature, multicultural and nuevo journalism will be the reading focus and accomplished through media, presentation, book talks and other means. Public speaking, organizational skills, theatre, vocabulary and current events will help prepare the student for life-long language arts appreciation (both in personal and professional life) and enable the possibility of successfully completing a two-year college program. Students will use technology as appropriate and practice the norms of appropriate and responsible behaviors.

ENGLISH 12 CP

Length/Offered: Year

Level: 12th Grade

PS: 050100

NDE: 050024 ENG IV

- GRADUATION REQUIREMENT -

The objective of English 12 College Prep is to acquaint students with British, and contemporary literature and to provide them with writing and research skills required in college. Students will learn fundamental research skills and college writing skills for a formal research paper complete with MLA citation and works cited list. Students will learn through a historical continuum of literary works including *Beowulf*, Chaucer, Shakespeare, Victorian literature and contemporary English writers. Through individual reading, oral presentation and projects, students will learn analysis, evaluation and synthesis of literature. Keeping a notebook, taking notes and test taking strategies will provide study skills needed for higher education. Theatre and public speaking will provide the student with the liberal arts program necessary for college entrance and book talks will provide experiences in multicultural literature. The course is recommended for college bound students. Students will use technology as appropriate and practice the norms of appropriate and responsible behaviors.

This class may be taken for Dual Credit through Southeast Community College. For more information see the Dual Enrollment section at the back of the book.

ADOLESCENT LITERATURE

Length/Offered: Semester

PS: 050312

Level: 9th, 10th, 11th, 12th Grades

NDE: 050310 LIT SPEC

Prerequisite: English 1010 (Prerequisite for dual credit only)

This class is a survey of the various genres of adolescent literature. Emphasis is on evaluation of quality, thematic study and the inter/cross disciplinary uses of young adult literature. Projects will include student presentations, current best sellers, media/literature connections and reflective writing. Students will use technology as appropriate and practice the norms of appropriate and responsible behaviors.

This class may be taken for Dual Credit through Southeast Community College. For more information see the Dual Enrollment section at the back of the book. Additional projects and academic requirements apply.

SPEECH

Length/Offered: Year

PS: 050501

Level: 9th, 10th, 11th, 12th Grades

NDE: 050501 SPEECH BEG

The objective of Speech will be on lifetime skills in speaking. This course is both an activities and theory-oriented approach to the study of speech communication focusing on NSAA competitive speech events as well as real world opportunities requiring public speaking skills. Major fields of study may include: the communication process, verbal and nonverbal communication, informative speaking, persuasive speaking, demonstrations and interpretations of prose, poetry and drama. This course is recommended for any student planning to attend any postsecondary education.

WORLD MYTHOLOGY

Length/Offered: Semester

PS: 050311

Level: 9th, 10th, 11th, 12th Grades

NDE: 050310 LIT SPEC

This class is a survey of mythology from around the world with emphasis on Greco/Roman mythology, Native American mythology, Norse mythology and Egyptian mythology. Includes thematic study and the inter/cross disciplinary uses of mythology. Projects will include student presentations, mythology in today's world, media and reflective writing. Includes some scholarly archeological reading. Students will use technology as appropriate and practice the norms of appropriate and responsible behaviors.

WORLD MYTHOLOGY II

Length/Offered: Semester

PS: 050313

Level: 9th, 10th, 11th, 12th Grades

NDE: 050310 LIT SPEC

Prerequisite: World Mythology

This class is a deeper look at the philosophies and historical significance of mythology on the cultures of the world. Projects will include student presentations, creation of media reproductions, and essays. Students will use technology as appropriate and practice the norms of appropriate and responsible behaviors.

FOREIGN LANGUAGE

SPANISH I

Length/Offered: Year

PS: 060241

Level: 9th, 10th, 11th, 12th Grades

NDE: 060241 SPANISH I

Prerequisite:

¡Bienvenidos a la clase de español! This is an introductory course to the study of Spanish and Spanish-speaking countries and cultures. Students will be able to communicate at the basic level of Spanish and become familiar with elements of various Spanish-speaking cultures. The emphasis of this course is placed on the development of the four main modes of language: listening, speaking, reading, and writing. The context is intended to focus on students' lives and experiences and gives them exposure to various Spanish-speaking countries, customs, and lifestyles. Although the main focus is on basic, meaningful communication, grammar is integrated throughout the course. Students will also acquire insight as to how languages and cultures work together by comparing Spanish to their own culture(s). By the end of this course, students will be effectively communicate basic sentence structures using the present tense, and express a multitude of things about themselves, objects, and others.

SPANISH II

Length/Offered: Year

PS: 060242

Level: 10th, 11th, 12th Grades

NDE: 060242 SPANISH II

Prerequisite: Spanish I

¡Bienvenidos a la clase de español! This is a low-intermediate course of the study of Spanish and Spanish-speaking countries and cultures. It allows students to communicate fluently in Spanish and to become familiar with more elements of Spanish-speaking countries and cultures. The emphasis of this course is placed on the development of the four main modes of language: listening, speaking, reading, and writing. The context is intended to focus on students' lives and experiences and give them exposure to various Spanish-speaking countries, customs, and lifestyles. Although the main focus is on basic, meaningful communication; grammar is integrated throughout the course. Students will also acquire insight as to how languages and cultures work together through comparing Spanish to their own cultures(s). By the end of this course, students will be able to effectively and comfortably communicate low-intermediate sentence structures using present, preterite, and imperfect tenses to express a variety of contents.

SPANISH III

Length/Offered: Year

PS: 060243

Level: 11th, 12th Grades

NDE: 060243 SPANISH III

Prerequisite: Spanish II

¡Bienvenidos a la clase de español! This is a high-intermediate course of the study of Spanish and Spanish-speaking cultures. It allows students to communicate fluently in Spanish and to become familiar with more elements of Spanish-speaking cultures. The emphasis of this course is placed on the development of the four main modes of language: listening, speaking, reading and writing. The context is intended to focus on students' lives and experiences, and gives them exposure to various Spanish-speaking countries, customs, and lifestyles. Although the main focus is on basic, meaningful communication; grammar is integrated throughout the course. Students will also acquire insight as to how languages and cultures work together through comparing Spanish to their own culture(s). By the end of this course, students will be able to effectively and comfortably communicate high-intermediate sentence structures using a variety of tenses, and fluidly express content in more than one way.

SPANISH IV

Length/Offered: Year
Level: 11th, 12th Grades
Prerequisite: Spanish III

PS: 
NDE: 060244 SPANISH IV

This is an advanced independent study of the study of Spanish and Spanish-speaking cultures that will be offered during another Spanish class time. Students will be able to advance to this level with instructor and/or administrators approval, along with having passed Spanish III with an A or a B. It allows students to communicate fluently in Spanish and to become familiar with more elements of Spanish-speaking cultures. The emphasis of this course is placed on the development of the four main modes of language: listening, speaking, reading, and writing. Through novel study, projects, listening to music and film studies, students will acquire more advanced vocabulary and communication skills in Spanish. The context is intended to focus on students' lives and experiences and gives them exposure to various Spanish-speaking countries customs and lifestyles. Although the main focus is on basic, meaningful communication, grammar is integrated throughout the course. Students will also acquire insight as to how languages and culture work together through comparing Spanish to their own cultures(s). By the end of this course, students will be able to effectively and comfortably communicate advanced sentence structures using a variety of tenses and fluidly express content in more than one way.

INDUSTRIAL ARTS

WOODS I

Length/Offered: Year

PS: 101900

Level: 9th, 10th, 11th, 12th Grades

NDE: 101920 MFG/WOODS

Prerequisite:

Career: CEMANUFA

Woods I covers hand tools, care and safety; joinery, project planning, wood identification, wood finishing, portable power tools. Power tools will be used to build projects and to learn more advanced project planning and construction. Students will pay for all projects constructed.

WOODS II

Length/Offered: Year

PS: 100501

Level: 10th, 11th, 12th Grades

NDE: 101921 ADVFAB/WD

Prerequisite: Woods I

Career: CEMANUFA

Woods II covers hand and power tools, care and safety, joinery, project planning. Power tools will be used to build projects and to learn more advanced project planning and construction. This class will build more advanced projects such as cabinets and desks. Students will pay for all projects constructed.

ARCHITECTURAL DRAWING

Length/Offered: Semester

PS: 171300

Level: 10th, 11th, 12th Grades

NDE: 100141 ARCH DRAFT

Prerequisite:

Career: CEARCCON

Architectural Drawing is a combination of architectural and mechanical drafting course. The first quarter is mechanical drafting covering shape description and basic drafting. The second quarter is architectural drafting covering basic home design. The students will draw a complete set of house plans of their own design.

COMPUTER DRAFTING – AutoCAD

Length/Offered: Semester

PS: 100301

Level: 10th, 11th, 12th Grades

NDE: 100131 IN ARCHIT

Prerequisite:

Career: CEARCCON

AutoCAD is a combination of architectural and mechanical drafting course. Students will be doing drawing setup, drawing aids while using the object snap and auto tracking. Students will then work on placing text on a drawing, plotting, printing and editing their drawing. When this phase is completed, students will work on creating multiple entities and working with drawing files. Students will also do isometric drawings.

CONSTRUCTION TECHNOLOGY

Length/Offered: Year

PS: 100100

Level: 12th Grade

NDE: 100120 ADV CONST

Prerequisite: Woods class taken prior to senior year

Career: CEARCCON

Construction Technology is taught so that students will be ready for an initial level job in the construction field. All materials and tools in the construction field are covered. Related fields covered in class include concrete construction, electrical wiring, shingles, sheetrock, building walls, and plumbing.

SMALL ENGINES

Length/Offered: Semester

PS: 016000

Level: 10th, 11th, 12th Grades

NDE: 101600 INT TRANS

Prerequisite:

Career: CETDWL

Students will develop information and skills concerned with the various forms of power including its generation, transmission and utilization.

INTRODUCTION TO METALLURGY

Length/Offered: Semester

PS: 016001

Level: 10th, 11th, 12th Grades

NDE: 101940 AD WELD

Prerequisite:

Career: CEMANUFA

Provides experiences in instruction in metals, welding and related careers course includes metal equipment identification/maintenance/safe usage, oxyacetylene, oxyacetylene welding/cutting, arc welding, arc welding/cutting, mig/tig/plasma arc welding/cutting and related practicum.

NOTE:

All Industrial Art students, with the exception of Industrial Arts 7, are to buy their own safety glasses and provide their own lock for their locker. Students will pay a fee at the end of the year to cover the cost of any tools that are missing.

MATHEMATICS

ALGEBRA IB (will be offered for 2018-2019 school year for those graduating in 2022, then it will be removed)

Length/Offered: Year

PS: 111011

Level: 9th Grade

NDE: 110300 ALGEBRA BE

Prerequisite: Algebra IA

This course is the **second half** of the foundation for high school mathematics courses. It is the bridge from the concrete to the abstract study of mathematics. Topics include graphing and writing linear equations, simplifying polynomials and rational and radical expressions and equations, and solving systems of equations. Real world applications are presented within the course content.

GEOMETRY

Length/Offered: Year

PS: 111200

Level: 9th, 10th, 11th, 12th Grades

NDE: 111200 GEOMETRY

Prerequisite: Algebra I or Algebra IA and IB

This course is an integration of modern and traditional Geometry. The topics covered include: reasoning, logic, traditional proofs, triangle relationships, linear relationships, similarity, polygons and prisms. A strong foundation in Algebra is needed to be able to solve many of the problems evaluated in this course. Most two year post high school programs recommend this course. All four year post high school programs require this course for admission.

APPLIED MATH

Length/Offered: Year

PS: 110501

Level: 10th, 11th, 12th Grades

NDE: 110501 APPLDMATHI

Prerequisite: Algebra I or Algebra IB

This course covers topics from the core standards that are covered on the Nebraska State Accountability Test and personal and business related mathematics. Topics include, basic measurement, estimation, computation, formula use, statistics, problem solving, and finances. Applied Math is designed for students who are preparing for a two year post high school course. It is not recommended for students that have already completed Algebra 2 or who are interested in a four year college program.

ALGEBRA II

Length/Offered: Year

PS: 110306

Level: 9th, 10th, 11th, 12th Grades

NDE: 110306 ALGEBRA AD

Prerequisite: Algebra I or Algebra IB

Algebra II builds upon topics from Algebra I. More advanced algebraic concepts are explored including inequalities and the following types of functions: quadratic, polynomial, rational, radical, and logarithmic. Throughout the course, students will also learn how to apply these topics to real life situations. Most four year post high school programs require this course for admission.

PRE-CALCULUS

Length/Offered: Year

PS: 112910

Level: 11th, 12th Grades

NDE: 111300 PRE CALC

Prerequisite: Algebra II

Pre-Calculus is an application of upper level Algebra II concepts. Topics that will be covered include analytical geometry, trigonometry, and the following types of functions: polynomial, rational, exponential, quadratic and logarithmic. This class is for students preparing for a four-year college or a career that involves upper level mathematics.

CALCULUS

Length/Offered: Year

PS: 110600

Level: 12th Grade

NDE: 110600 CALCULUS

Prerequisite: Pre-Calculus

Calculus is the mathematics of objects in motion or undergoing change. This class uses an applied approach along with the foundation built in Algebra I, Geometry, Algebra II and Pre-Calculus to develop a mathematical understanding of derivatives, integrals, and limits. This class also explores how these topics relate to different areas of economics and real life situations. This class is recommended for students preparing for a career that involves upper level mathematics.

TRIGONOMETRY

Length/Offered: Semester

PS: 110910

Level: 11th, 12th Grades

NDE: 111600 TRIG

Prerequisite: Algebra II

This course is a higher mathematics elective. Trigonometry uses the techniques that students have previously learned from the study of algebra and geometry. The trigonometric functions studied are defined both geometrically and algebraically. Students should have a clear understanding that the definition of the trigonometric functions is made possible by the notion of similarity between triangles. Graphing utilities are used to enhance learning and scientific calculators are used in finding the value of trigonometric functions and their inverses.

PROBABILITY AND STATISTICS

Length/Offered: Semester

PS: 111700

Level: 12th Grade

NDE: 111700 STATISTICS

Prerequisite: Algebra II, Geometry

This course offers probability and statistical content to students preparing for four-year or technical college experiences. The course includes the following: frequency distributions and graphs, data description, probability and counting rules, discrete probability distributions, the normal distribution, confidence intervals and sample size, correlation and regression, and hypothesis testing.

BUSINESS MATH

Length/Offered: Year

PS: 111012

Level: 11th, 12th Grades

NDE: 111800 BUSNS MATH

Prerequisite: Applied Math or Geometry

This course provides comprehensive coverage of personal and business-related mathematics at an upper-level. It prepares you to understand and manage your personal finances, as well as grasp the fundamentals of business finances. Topics covered include: wages, taxes, savings, banking, credit cards, owning and buying.

MUSIC

BAND

Length/Offered: Year

PS: 120500

Level: 9th, 10th, 11th, 12th Grades

NDE: 120500 INSTRMUSIC

High School band meets daily and is offered to all students who are proficient on a traditional concert band instrument. Students who have not previously been in band but would like to join will be asked to take private lessons with the director.

Students will perform a wide array of musical styles relevant to the wind band ensemble and focus on skills that will best improve their proficiency on the assigned instrument. In addition to the home concert band concerts, the high school band will also be expected to perform at district music contest, all home football games, potential state and district football playoff games, a minimum of five basketball games or double headers, and potential district or state basketball playoff games.

CHOIR

Length/Offered: Year

PS: 120400

Level: 9th, 10th, 11th, 12th Grades

NDE: 120400 VOCALMUSIC

This is a once in a lifetime opportunity, never again will you be able to be in a high school choir! Choir utilizes a basic knowledge of singing and proper use of the vocal instruments is highly desirable, but not mandatory. Choral music from all style periods is studied, including songs in foreign languages. There is a special emphasis on musical growth as an individual and as an ensemble of competent musicians. Development of high standards of musicianship is pursued through the performance of quality choral music. Students registering for this course must possess the following: a willingness to work together with others in developing a good choral sound, a motivated interest in development of personal vocal abilities; a desire to achieve excellence in performance and a love of music. This group performs extensively through the school year. The following performances are mandatory: Veterans' Day Concert, fall and Christmas Concerts, Soup and Song, Pre-District Music Contest, District Music Contest, and the Honors Concerts. Opportunities for Honor Choirs: Singing Youth (9th grade), All-State (10th, 11th, 12th grades) Kearney Honor Choirs (10th, 11th, 12th grades) and Doane Honor Choirs (11th, 12th grades).

HEALTH & PHYSICAL EDUCATION

PE 9 HEALTH AND WELLNESS

Length/Offered: Year

PS: 081345

Level: 9th Grade

NDE: 080300 PHYS ED II

- GRADUATION REQUIREMENT -

This course is designed to promote behaviors of healthy lifestyle choices and improved quality of life. It is aligned to the Nebraska Health Standards. The units of study are: physical, mental and social health, drugs/alcohol, body systems, nutrition and fitness, sexual health and self-care will be learned throughout the year. They will be assessed on knowledge through tests, quizzes, projects, and in class discussions. Videos will be shown to deepen the understanding of the health topics.

Students will demonstrate the ability to perform basic and advanced skills and tactics to participate in activities. Students will learn the basic fundamentals of weight training techniques to obtain optimal physical fitness. They will complete a 2-3 day workout focusing on the 3 core lifts of bench, squat, and hang cleans. Students will be assessed on personal fitness 3-4 times a year.

BASIC STRENGTH TRAINING & CONDITIONING (BST&C)

Length/Offered: Year

PS: 081341

Level: 10th Grade

NDE: 080601 STR TRNG

Prerequisite: PE 9 Health and Wellness

This course is designed for students with some experience in the weight room who would like to benefit from it. It is a beginning weight training class. Students will improve upper and lower body strength through proper lifting and spotting fundamentals. They will learn how to develop a personalized workout for 3 times a week. They will complete the workout focusing on the 3 core lifts of bench, squat, and hang cleans. Students will learn to make connections between anatomy and weight training. Units of study will be taught in conjunction with this class. Students will perform activities to aide in speed, agility, and endurance as well as assess self and others on technique. They will be assessed on personal fitness and weight training 4 times a year.

STRENGTH TRAINING & CONDITIONING I (ST&CI)

Length/Offered: Year

PS: 081342

Level: 11th, 12th Grades

NDE: 089930 PHYSED OTH

Prerequisite: Basic Strength Training & Conditioning & passed class with grade of A or B

This course is designed for students who want to advance their knowledge and skills in the weight room; especially those who are out for a sport. Students will apply prior knowledge of weight training techniques and procedures learned in Basic Strength Training and Conditioning. Students will continue to improve their upper and lower body strengths. They will develop a personalized workout for 3 days a week by focusing on the 3 core lifts of bench, squat, and hang cleans. Students will meet a higher degree of intensity while lifting and completing their workout routine. Students will deepen the connections between anatomy and weight training and further their knowledge of the units studied from Basic Strength and Conditioning. They will be required to meet higher levels of strength, power and endurance. They will use speed and agility to enhance fitness as well as assess self and others on technique and skill. Students will be assessed on personal fitness and weight training 4 times a year.

STRENGTH TRAINING & CONDITIONING II (ST&CII)

Length/Offered: Year

PS: 081343

Level: 11th, 12th Grades

NDE: 089931 PHYSED OTH

Prerequisite: BST&C and ST&CI & passed class with grade of A or B

This course is designed for students who want to continue to advance their knowledge and skills in the weight room; especially those who are out for a sport or would like to continue on in this field after high school. Students will be able to show the benefits of this class through prior knowledge gained from Strength Training and Conditioning I. Students will enhance improvement on upper and lower body strengths as well as increase the knowledge of speed and agility fitness to improve overall fitness. Students will develop an in-depth personalized program done 3 times a week, focusing on the 3 core lifts of bench, squat, and hang cleans. Students will be held to a higher standard of lifting and completing their workout routine. Students will know the connections between anatomy and weight training and use the units of study learned from Strength and Conditioning 1. Students will maximize their levels of strength, power, and endurance. They will assess self and others on technique and skill. Students will be assessed on personal fitness and weight training 4 times a year. This class is for the experienced weight lifter.

LIFETIME SPORTS

Length/Offered: Year

PS: 081344

Level: 12th Grade

NDE: 080400 PHYSED III

Prerequisite: ST&CI – passed class with grade of A or B

Career:

This course is designed for students of the less competitive crowd. Lifetime Sports will use basic terms and learn the rules of team activities. Students will be taught to practice safety procedures and use good sportsmanship. Students will develop lifetime skills and practice personal fitness to live an active healthy lifestyle. Students will demonstrate knowledge in aerobic activities. Students will be assessed through quizzes and fitness tests. This course will do activity through sports 4 times a week and 1 day of weight training or agility stations.

SCIENCE

SCIENCE 9

Length/Offered: Year

PS: 130400

Level: 9th Grade

NDE: 130300 PHYSIC SCI

- GRADUATION REQUIREMENT -

Science 9 is a required course for graduation that expands on the topics learned in middle school science and focuses on physical and Earth science. The class will include laboratory and group activities. The units covered include what is science, matter, elements and the periodic table, the structure of the atom, chemical bonding, chemical reactions, motion, forces, energy, formation of the universe and stellar evolution, transfer of heat in the Earth's systems and plate tectonics.

BIOLOGY

Length/Offered: Year

PS: 130201

Level: 10th Grade

NDE: 130201 BIOLOGY I

- GRADUATION REQUIREMENT -

Biology is a required course for graduation that expands on the topics learned in middle school science. Biology focuses on the life sciences. The class will include inquiry based and lecture based learning activities. The units covered include; what is science, biochemistry, cells and cell processes, genetics, biological evolution, and ecology.

BIOLOGY II

Length/Offered: Year

PS: 130202

Level: 11th (with teacher approval), 12th Grades

NDE: 130202 BIOLOGY II

Prerequisite: Science 9 and Biology

Biology II expands the topics in Biology and explores other areas of life science. This course is intended for students planning post-secondary education, but may be useful for those looking at biological sciences, health sciences and agriculture as a career. The topics covered include biochemistry, cells and cell processes, genetics, ecology, the diversity of life, bacteria, protist, fungi, plants, and animals. The topics will be covered using inquiry based learning. Recommended at least a B or teacher approval in Biology and the ability to work both independently and in a group setting.

PRACTICAL SCIENCE

Length/Offered: Year

PS: 132089

Level: 11th, 12th grade

NDE: 139930 SCI OTHER

Practical Science explores the areas of physical, earth, and life science. The class will include inquiry based, lecture based, and group based activities. This course is intended for any student. The topics covered are matter, forces and motion, energy, ecology, and environmental science issues.

CHEMISTRY

Length/Offered: Year

PS: 130301

Level: 11th, 12th Grades

NDE: 130301 CHEM I

Prerequisite: Science 9, Biology, Algebra I, & Geometry
(Algebra II Recommended)

Chemistry is a college preparatory course intended for students planning for a four year college degree or a technical degree in the science or health fields. The class will prepare you for the first semester and part of the second semester of general chemistry in college. Topics covered include: matter, structure of the atom, the periodic table, chemical bonding, chemical reactions, stoichiometry, gas laws, VSEPR theory and acid base chemistry. The class is taught in a lecture format, with homework and labs.

PHYSICS

Length/Offered: Year

PS: 130303

Level: 11th (with teacher approval), 12th Grades

NDE: 130303 PHYSICS I

Prerequisite: Successful Completion (B or better) in Science 9 and Biology, Algebra I and II, Geometry, and Trigonometry

Physics is a college preparatory class that deals with matter and energy, and their transformations. Topics to be covered include: scientific handling of measurements, vectors, motion and forces, momentum, gravity, electricity, heat, sound and light. Laboratory work is used to reinforce the fundamental properties discussed in lecture. Problem solving skills are taught and an emphasis is placed on the application of learned material. Inquiry based learning is also a focus. This class requires very good math skills. Concurrent enrollment in Calculus is highly recommended.

ANATOMY AND PHYSIOLOGY

Length/Offered: Year

PS: 130210

Level: 11th, 12th Grades

NDE: 130210 ANAT/PHYS

Prerequisite: Science 9 and Biology

Anatomy and Physiology concentrates on the structure and function of the human body. This course is intended for students planning for a four year college degree or a technical degree in the science or health fields. Dissection of fetal pigs is part of this course to enhance human anatomy. The major organ systems will be covered in units that include levels of organization, support and movement, the human life cycle, absorption and excretion, transport, and integration and coordination. Recommended at least a B or teacher approval in Biology along with good study and memorization skills.

CHEMISTRY II

Length/Offered: Year

PS: 130302

Level: 12th Grade

NDE: 130302 CHEM II

Prerequisite: Chemistry and Algebra II

Chemistry II is a two-semester laboratory course designed for the student interested in a career in science, a science related field, or a health careers related field. This course expands on the concepts learned in Chemistry. Additional aspects of chemical reactions including limiting reactants, percent yield, equilibrium, reaction rates, and thermochemistry are considered. Math skills will be frequently used to solve chemical problems. This course will go into much more detail than chemistry and give the students an understanding of the major fields of inorganic chemistry.

This class may be taken for Dual Credit through Peru State College, for more information see the Dual Enrollment section at the back of the book.

SOCIAL STUDIES

AMERICAN HISTORY I

Length/Offered: Year

PS: 150821

Level: 9th Grade

NDE: 150820 AMER HIST

American History is a focus on the study of the United States from the Age of Exploration to Reconstruction after the Civil War. Students will study many different topics including the colonial period, American Revolution, Early Patriots and Presidents, the Louisiana Purchase, War of 1812, Native American studies, Westward Expansion, and the Civil War. This class is an elective but recommended as a prerequisite to American History II which covers Reconstruction to the present day.

AMERICAN HISTORY II

Length/Offered: Year

PS: 150822

Level: 10th Grade

NDE: 150820 AMER HIST

This course is the second half of American History beginning with the Civil War and concluding with current issues. Special emphasis is given to making connections between past and current events and analyzing the forces of change. Major topics of discussion include the Civil War, homesteading, immigration, World War II and the social changes of the 1960's.

AMERICAN GOVERNMENT

Length/Offered: Year

PS: 151110

Level: 12th Grade

NDE: 151110 AMER GVNMT

- GRADUATION REQUIREMENT -

This course includes topics to give students an understanding of the American political system. Special emphasis is placed on the role of a citizen, history of democracy, the role of the three branches of government, the local judicial system, local and state governments, and a comparison of global governments and economics.

WORLD HISTORY

Length/Offered: Year

PS: 150800

Level: 11th, 12th Grade

NDE: 150800 WORLD HIST

This course takes a different approach than most World History classes in that it is based off of something called "Big" History. Where did everything come from? How did we get to where we are now? Where do humans fit in? Where are things heading? These are questions that origin stories of different cultures have addressed for thousands of years. Big History attempts to answer them by examining the entire past of the Universe using the best available ideas from disciplines such as astronomy, chemistry, biology, and history. Throughout the course, you'll explore different scales of time and space and view human history from new angles. You'll develop historical research skills, identify and evaluate the effects of past, current, and potential future events and students will analyze how major past and current world events are chronologically connected.

HUMANITIES

Length/Offered: Year

PS: 150900

Level: 11th, 12th Grades

NDE: 150900 HUMANITIES

This course is designed to look at the art of being human. The course begins with a look at American culture and ethnicity in our country. It then looks at the various components of human culture including; art, literature, music, dance, drama, architecture and sports. The year concludes with student presentations on their favorite humanistic activity.

SOCIOLOGY

Length/Offered: Semester

PS: 151300

Level: 11th, 12th Grades

NDE: 151300 SOCIOLOGY

This course is the study of human interaction. This is a one semester class that is opposite Current Issues. Sociology focuses on the study of communication among people and their environment, groups, family structure, relationships, crime, aging, and politics. We will also look at multicultural and gender issues and how different groups coexist in the United States. We will use many past and present national and world situations to study and understand where we all fit in the world and how the United States is the world's most diverse country.

CURRENT ISSUES

Length/Offered: Semester

PS: 151314

Level: 11th, 12th Grades

NDE: 151103 MOD PROBS

Current Issues is the study of the United States and how it fits into a global society. Students will study different factors that make the United States what it is today. We will look at our modern world through politics, healthcare, economics, military, education, family, religion, and many other lenses. We will also discuss career planning and a future beyond high school for the students. Current news and events will be utilized in the class from the local, state, national, and international levels. Public-speaking skills and performances will also be included in the course.

SENIOR DUAL CREDIT AND COLLEGE CREDIT COURSES

All college credit and dual credit classes will need to have the approval of the school administration and parents prior to enrollment with their associated college offering credit. Prior to consideration of any college classes, it is advised that the student and parent check with colleges which they might be considering. This will assure that the college credit will transfer and be useful in the college program in which the student may be interested.

Dual Credit Options

The following courses are offered at Wilber-Clatonia as Dual Credit options, but may be taken for high school credit only, if preferred. To be taken for dual credit, the student must register with the appropriate school and pay tuition for the course prior to the beginning of class. Registration for classes earning dual credit will be completed in either the spring of the year prior to the first semester offerings or in the late fall of the year prior to the second semester offerings. Tuition is billed by SCC or Peru State College at the current rate and is the responsibility of the student. Please see Mr. Finley for the most current rate information.

English 12 CPDC and Adolescent Literature are taught by Sarah Brown, Ph.D. who is a Nebraska certificated instructor and is also approved by SCC as adjunct faculty. This allows the class to be offered for both college and high school credit. A score of 19 on the English portion of the ACT is required by the end of the school year prior to taking English 12 CPDC in order to complete registration with SCC.

ENGLISH 12 CPDC

Length/Offered:	Year	PS: 050156
Level:	12th Grade	NDE: 050024
Prerequisite:	ACT score of 19 English Portion Required, Highly Recommended A's or B's in English 9, 10, & 11CP	
College	SCC Course: English 1010, Composition I – Fall	3 Credits (4.5 SCC Credits)
Equivalent:	SCC Course: English 2100, Intro to Literature – Spring	3 Credits (4.5 SCC Credits)

The objective of English 12 CPDC is to acquaint students with British literature and to provide them with writing and research skills required in college. Students will learn fundamental research skills and college writing skills for a formal research paper complete with citation and works cited list. Students will learn through a historical continuum of literary works including *Beowulf*, Chaucer, Shakespeare, Victorian literature and contemporary English writers. Through individual reading, oral presentation and projects, students will use the skills of analysis, evaluation and synthesis. Keeping a notebook, taking notes and test taking strategies will provide study skills needed for higher education. Drama and public speaking will provide the student with the liberal arts program necessary for college entrance and book talks will provide experiences in multicultural literature. The course is recommended for college bound students. Students will use technology as appropriate and practice the norms of appropriate and responsible behaviors.

ADOLESCENT LITERATURE DC

Length/Offered:	Semester	PS: 050312
Level:	9th, 10th, 11th, 12th Grades	NDE: 050310 LIT SPEC
Prerequisite:	English 1010 (Prerequisite for dual credit only)	
College		
Equivalent:	SCC Course: English 2165, Young Adult Literature	3 Credits (4.5 SCC Credits)

This class is a survey of the various genres of adolescent literature with an emphasis on: evaluation of quality, thematic study and the inter/cross disciplinary uses of young adult literature. Projects will include student presentations, current best sellers, media/literature connections and reflective writing. Students will use technology as appropriate and practice the norms of appropriate and responsible behaviors.

This class may be taken for Dual Credit through Southeast Community College for seniors who have successfully completed English 1010 (Fall Semester of English 12 CPDC) with a grade of C or higher. English 2165 includes additional projects intended for college and scholarly readings.

CHEMISTRY II DC

Length/Offered: Year **PS: 130302**
Level: 12th Grade **NDE: 130302 CHEM II**
Prerequisite: Chemistry and Algebra II
College
Equivalent: Peru State College: CHEM 101, General Chemistry I **5 Credits**

Chemistry II is a two-semester laboratory course designed for the student interested in a career in science, a science related field, or a health careers related field. This course expands on the concepts learned in Chemistry. Additional aspects of chemical reactions including limiting reactants, percent yield, equilibrium, reaction rates, and thermochemistry are considered. Math skills will be frequently used to solve chemical problems. This course will go into much more detail than chemistry and give the students an understanding of the major fields of inorganic chemistry.

This class may be taken for Spring Semester Dual Credit through Peru State College for seniors who have successfully completed Chemistry and Algebra II.

LIVE ANIMAL SELECTION/ CARCASS EVALUATION DC

Length/Offered: Semester (Every Fall Semester) **PS: 011005_DC**
Level: 11th, 12th Grades **NDE: 011005 FOOD SCI**
Prerequisite: Introduction to Ag, Food and Natural Resources
College **SCC Course: AGRI 1257, Live Animal Sel & Carcass**
Equivalent: Eval **(4.5 SCC Credits)**

This course is designed to provide students an opportunity to become familiar with the Livestock and Meat Industries. Students will practice methods of selection and evaluation of live animals and carcasses, train in selection of breeding animals of economic importance, explore breeds, sex, and age classifications of livestock. Discover live animal cased carcass patterns, survey the live animal and carcass characteristics as well as explain the relative values of retail and wholesale cuts. * *Students may be required to attend and compete at a District Livestock Evaluation Contest.*

This class may be taken for Dual Credit through Southeast Community College for students who have taken Intro to Agriculture Studies and Food and Natural Resources.

College Credit Options

Public Speaking, Psychology and Sociology are offered as a distance learning option. The sending site is Southeast Community College and the instructor is an SCC faculty member. They are college credit only options. All college credit classes that are not taught by a Wilber-Clatonia instructor will not affect a student's class rank or GPA. Registration with SCC and a textbook is required and are at the student's expense. No minimum ACT is required at this time.

PSYCHOLOGY DLCC

Length/Offered: Fall Semester **PS: 151256_DLCC**
Level: 12th Grade **NDE:**
College
Equivalent: **SCC Course: Psychology 1810, Intro to Psychology** **3 Credits**

This class is a comprehensive study of the principles of human behavior and mental processes. It is an introduction to the science of psychology including the study of learning theory, memory, personality, growth and development, neurological aspects, abnormal behavior therapies, intelligence, motivation, emotion, sensation, perception and theoretical perspectives.

PUBLIC SPEAKING DLCC

Length/Offered: Fall Semester **PS: 400**
Level: 12th Grade **NDE:**
College
Equivalent: **SCC Course: Speech 1110, Public Speaking** **3 Credits**

Provides both theoretical basis and practical instruction for speaking effectively in public. Emphasis on training in basic speech skills, development of voice, topic selection, audience analysis, speech preparation and organization, researching, strategic and creative language use, effective listening and delivery skills, and common types of public speeches, acknowledging the influence of various cultural and ethnic backgrounds.

SOCIOLOGY DLCC

Length/Offered: Spring Semester **PS: 336**
Level: 12th Grade **NDE:**
College
Equivalent: **SCC Course: Sociology 1010 – Intro to Sociology** **3 Credits**

Introduction to the basic principles of sociology including the study of culture, socialization, social structure, social institutions, investigative behavior, deviance, inequalities and theoretical perspectives.

SENIOR ONLINE LEARNING/ OTHER ONLINE COLLEGE CREDIT OPTIONS

Other on-line classes may be available for college credit. These classes may be worked into the senior student's schedule as time permits. See Mr. Finley for more information on current offerings.

Weighted Grades

Weighted credit will be given for the following classes based on the rigor demanded in their completion:

	The grading scale used is as follows:	
English 12 CP	A = 5 points	93 - 100%
English 12 CP DC	B = 4 points	86 - 92%
Calculus	C = 3 points	78 - 85%
Physics	D+ = 1.5 points	75 - 77%
	D = 1 points	70 - 74%
	F = 0 points	0 - 69%

ELL & VOCATIONAL TRAINING

ELL Program Model/Description

The Department of Education will provide programs of English language for students that are English Language Learners (ELL) as required by law by the Nebraska Department of Education Title III Accountability Office. ELL students are those students whose native language is other than English and who have such difficulty speaking, reading, writing, or understanding the English language, as measured by an English language proficiency test. These impediments contribute to the individual's inability to meet state performance levels, to achieve in English instructed classrooms, and to fully participate in society.

Wilber-Clatonia Public Schools has implemented a program model which is a systematic, research-based approach that enables students to meet academic standards using the English Language. Instruction for ELL students will be provided using the following strategies or a combination of them:

PULL-OUT STRATEGY

ELL students leave the classroom part of the day to receive ELL instruction, often focused on grammar, vocabulary, and communication skills.

PUSH-IN STRATEGY

Students are served in a mainstream classroom and the ELL teacher or a para-professional will provide clarification and use ELL strategies to further their acquisition of the English language within the curriculum content.

When necessary, Wilber-Clatonia will employ a different strategy for new comers:

NEWCOMER/SHELTERED INSTRUCTION

Students will leave the classroom for a good portion of the day to receive ELL instruction, acquiring beginning English-language skills in addition to core academic skills. Their native language may be utilized, if available.

Vocational Training

This course is for those special education students that have been identified as a student that will need some assistance in their transition to the world of work. The objective is to place student in an environment where they can build confidence and learn soft work and job keeping skills. **SKILLS: Teamwork** (being cooperative and showing leadership when necessary), **Communication** (articulate oneself well, being a good listener, and using appropriate body language), **Time Management** (showing up on time and fulfilling expected tasks), **Flexibility** (adapting to change), **Patience** (accepting criticism and applying lessons learned) and **Motivation** (*taking pride in a job well done*).