

Pierce Jr-Sr High School Curriculum Handbook

COURSE DESCRIPTION GUIDE

Requirements for Graduation

The minimum number of credit hours to be earned during grades nine through twelve for graduation is 250. Students must attend school a minimum of four school years (3.5 if finishing in December of Sr. year). Any variance in this attendance requirement must be approved by the Board of Education. Students must pass the following number of courses (10 credits each) in each of the required subject areas:

- English.....4 courses
- Social Science.....3 courses
- Science.....3 courses
- Mathematics..... 3 courses
- Strength & Fitness.....1 course
- Info Tech Applications &
Foundations of Computing...1 course
- Real World Seminar.....1 course

A semester course completed with a passing grade is worth 10 credits. Attendance is also expected. Students should review their credit status with their advisor and counselor after each semester. A total of 250 credits is required for graduation. **The Real World Seminar/Personal Finance course can be taken during a student's junior or senior year.

Senior Graduation Eligibility

See the Student Handbook link under Pierce Jr/Sr High on the school web site (www.piercepublic.org) for more details.

LANGUAGE ARTS

English 7 #101

Course description: English 7 is based on a variety of forms of literature, focusing on drama, short stories, novels, and nonfiction essays. Students will also study grammar, with an emphasis on sentences and pronouns, and writing, with an emphasis on the five-paragraph essay. Vocabulary and spelling will also be instructed on a weekly basis.

Required course for 7th grade students.
Length of course: 2 semesters

English 8 #102

Course description: Students will evaluate and examine various forms of literature including poetry, short stories, autobiographies, and novels. Using proper grammar and mechanics, they will demonstrate an understanding of the literature through the composition of a research paper and essays.

Required course for 8th grade students.
Length of course: 2 semesters

English 9 #103

Course description: The curriculum for English 9 is based on further development of the language skills necessary in speaking, writing, listening, and thinking. The course focuses on improving standard English usage in all language skills areas. The course includes an intensive grammar and usage unit. Selections in literature include mythology, Holocaust literature, Shakespeare's Romeo and Juliet, and poetry. Student writing is incorporated throughout the two terms during all units, with personal reflection a main emphasis. Reading for both comprehension and pleasure is also a significant part of the course.

Required course for 9th grade students.
Length of course: 2 terms

English 10 #104

Course description: English 10 consists of eight major areas of emphasis which are incorporated throughout the course. The grammar and usage, reading, and composition areas are emphasized throughout the course in conjunction with the short story, drama, autobiography, and writing units. The course includes an intensive grammar and usage study, writing, and a continuing reading for pleasure program. The last half of the course includes a unit on different types of writing - particularly narrative and persuasive. This writing leads into the research paper unit, focusing on research techniques and preparation of a research paper and typing of a research paper.

Required course for 10th grade students.
Length of course: 2 terms

Basic English 11

Course description: This is a vocational/business English course for the technical college-bound junior. Students will cover similar topics as English 11 but with a varied level of rigor and pace.

May be used toward fulfillment of English requirements for graduation.
11th Grade
Length of course: 2 terms

English 11 #105

Course description: Students will interpret and evaluate works by American authors, including Nebraska authors, representing a variety of cultures and time periods. They will evaluate the works by purpose, genre, use of language, and societal conditions of the times. Students will utilize the writing process to produce expository and persuasive essays and a research paper. They will also integrate reading and vocabulary strategies and make presentations in the course of the class.

Required course for 11th grade students.
Length of course: 2 terms

Applied Communications (Workplace Communications) #106

Course description: This is a vocational/business English course for the technical college-bound senior. The focus of this course is the development and implementation of oral and written workplace communication skills. Students will organize and present effective presentations and interviews, send appropriate nonverbal messages, formulate effective business reports, letters, memos, electronic correspondence, plan and execute effective business meetings, and create employment documents.

May be used toward fulfillment of English requirements for graduation.
May be taken for dual credit. Prerequisites are required.
Grade 12
Length of course: 2 terms

English 12 #107

Course description: This course can be used to fulfill the requirement for a fourth year of English. It provides a background for the type of reading comprehension, knowledge of literature, discussion, and literature-based writing a student will be expected to do in college. The literature portion is British literature, in accordance with the standard curriculum for high school college-preparatory seniors. Students will read excerpts and whole works for meaning, symbolism, and literary technique. The writing portion is both researched and creative. Students study style and writing techniques based upon a textbook, lectures, discussion, studying and modeling excellent essays. The primary focus is essay writing. Essay types include the comparison-contrast, classification, exemplification, and persuasive. The course includes a rigorous review of the principles of English grammar.

May be used toward fulfillment of English requirements for graduation.
May be taken for dual credit. Prerequisites are required.
Grade 12
Length of course: 2 terms

Drama (not currently offered) #525

Course description: Students will develop understanding in several aspects of theatre including theatre history, character development, stage terminology and movement, and theatre production.

Elective.
Grades 9-12
Length of course: 2 terms

Journalism 1 #108

Course description: Students in the Journalism I class learn the method of writing both news and feature articles for publication. They learn about digital photography and layout styles. They become proficient in the use of computers with at least two computer programs: one for writing the stories and one for layout/publishing. They submit school news to the city paper, and they create documents using page layout with pictures, graphics, and text. They learn all the steps necessary for the production of a yearbook and they produce the Pierce Bluejay yearbook. In addition to producing the yearbook and school news, students learn self motivation, information acquisition, judging of information, and writing to complete required work within set deadlines. They must be willing to work outside the school day because they are required to interview people for information and quotations, to cover sports events and other extracurricular activities, and sell advertising for the yearbook. Since the class involves producing work for the public (news, advertisements in the yearbook) and publication, a student who fails the class may not re-take it.

Elective.

Grades 10, 11, 12

Length of course: 2 terms

Journalism 2 #109

Course description: Students in the Journalism II class must have taken Journalism I and passed it. They are required to be proficient in all the activities learned in Journalism I and to continue to perform at least some of those activities in Journalism 2. In addition, Journalism 2 students are required to learn feature writing and complete at least one feature story. They are expected to help others as peer tutors and peer editors for both news and yearbook. They will study the media and create a portfolio. They will design a magazine style layout with pictures, copy, and graphic elements. They may perform managerial work depending upon their skill proficiency. Managerial work includes but may not be limited to the following: yearbook editor, yearbook section editor, advertising manager, school news editor, keeper of archives, photographer.

Elective.

Grades 10, 11, 12

Length of course: 2 terms

Journalism 3 #117

Course description: Students in Journalism 3 must have taken Journalism 1 and 2 and passed them. They are required to be proficient in the activities learned in Journalism 1 and 2 and to continue to perform at least some of those activities in Journalism 3. In addition, Journalism 3 students are required to organize and execute at least one in-depth news or feature story for publication, design and create a pamphlet, newsletter, or calendar; or serve as a manager. Managerial work includes but may not be limited to the following: yearbook editor, yearbook section editor, advertising manager, school news editor, keeper of archives, head photographer.

Elective.

Grades 11, 12

Length of course: 2 terms

Journalism 4

Course description: Students in the Journalism 4 class must have taken Journalism 1, 2, and 3 and passed them. They are required to be proficient in all the activities learned in Journalism 1 and to continue to perform at least some of those activities in Journalism 4. In addition, Journalism 4 students are required to help others as peer tutors and peer editors for news or for yearbook. They are required to observe at a professional publishing company. And they are required to serve as a manager or editor. Managerial work includes but may not be limited to the following: yearbook editor, yearbook section editor, advertising manager, school news editor, keeper of archives, head photographer.

Elective.

Grades 11, 12

Length of course: 2 terms

Speech 1 #111

Course description: This course provides the student with the basic foundations of interpersonal communication and nonverbal communication, as well as the fundamentals of public speaking. The student will become proficient in both nonverbal and verbal speaking skills as well as conflict resolution, the debate process, and the use of visual aids during the practice of informative and persuasive speaking. Some drama and interpretative techniques will be experienced.

Elective.

Grades 9, 10, 11, 12

Length of course: 2 terms

Reading For the College Bound #125

Course description: Reading For the College Bound offers students the opportunity to earn credit through reading books that many colleges consider prerequisites to college enrollment. Students will be required to read books that are required in general studies and subject areas that the student plans to pursue for future careers. Students may also choose to take this class as independent study.

Elective.

Teacher and principal permission required.

Grades 11 and 12

Length of course: 2 terms

FOREIGN LANGUAGE

Spanish 1 #122

Course description: This course uses a text, computer, audio and video tapes and oral and written activities to teach beginning grammar and basic vocabulary. Students also learn about Hispanic culture and people throughout the world in addition to a knowledge of current events.

Elective
Grades 9, 10, 11, 12
Length of course: 2 terms

Spanish 2 #123

Course description: This is a review and continuation of Spanish grammar and vocabulary. The emphasis is on effective communication and writing skills. Students also study Spanish authors and literature by means of written and video materials.

Prerequisites: Spanish 1
Elective
Grades 10, 11, 12
Length of course: 2 terms

Spanish 3 #124

Course description: This course studies advanced grammar, composition and literature. The emphasis is perfection of reading and writing skills while becoming proficient in speaking Spanish.

Prerequisites: Spanish 2
Elective
May be taken for dual credit.
Grades 11, 12
Length of course: 2 terms

INFORMATION TECHNOLOGY

Information Tech Applications 1 & Foundations of Computing (Computer Applications) #901 &# 901B - must take both

Course description: Students will review fundamental keyboarding techniques. After review emphasis will be placed on learning word processing techniques using Microsoft Word. Special focus will be placed on formatting letters, reports, newsletters, and other documents. Students will also be introduced to spreadsheets, multimedia, and Internet research. This class is intended to teach students personal-use skills that they can use in high school, on the job, in college or at home.

Required

Grades 9 (recommended), 10, 11, 12

Length of course: 2 terms

Computer Programming 1 & 2 #903/903A- must take both

Course description: Programming I covers fundamental concepts of programming. These are provided through explanations and effects of commands and hands-on utilization of computers to produce correct output. This course introduces effective techniques necessary for the efficient solution of a variety of complex problems using a high-level programming language. It includes problem descriptions, flow charts, hierarchy diagrams, pseudocode, and program documentation as a means of solving these problems. This course emphasizes the creation of efficient algorithms through fundamental programming techniques such as input/output handling, programming structures, and data storage. Students are introduced to project management techniques, including standard debugging techniques and collaborative programming strategies. Programming 2 - Students will demonstrate advanced skills in the software development life cycle through in-depth use of a modern programming language. The content covered will include high-level, object-oriented concepts, while emphasizing the design of elegant solutions and efficient algorithms. Topics covered include the use of simple data types as well as complex data structures, best practices in application design, and the collaborative and social aspects of computing.

Prerequisites: Computer Applications 1, Algebra 1, Algebra 2 is desired

Elective

Grades 11, 12

Length of course: 2 terms

Computer Programming 3 #908

Students will demonstrate advanced skills in the program development process through expanded use of programming language. Languages may include, but are not limited to C++, Visual Basic, Java, SQL, RPG, COBOL and Assembler. Students demonstrating advanced level programming knowledge and skills may be exposed to collaborative environments that simulate project environments.

Prerequisites: Computer Programming 1 & 2, Computer Applications 1, Algebra 1, Algebra 2 is desired

Elective

Grades 11, 12

Length of course: 2 terms

Foundations of Web Design/Web Design & Development #956 & #956B must take both

Course description:

Foundations of Web Design - Students will demonstrate knowledge of web design and languages, including HyperText Markup Language (HTML) and Cascading Style Sheets (CSS) to create a content rich and visually pleasing website that captures and keeps visitors' interests. Focus will be given to effective page layout, image creation and manipulation, interactivity, content creation, and project management.

Web Design & Development - Students will demonstrate advanced knowledge of web design and development, including HyperText Markup Language (HTML) and Cascading Style Sheets (CSS) to create a content rich and visually pleasing website that captures and keeps visitors' interests. Focus will be given to the development and coding of a website.

Prerequisites: Computer Applications 1 & 2

Elective

Grade 11, 12

Length of course: 2 terms

Digital Media/Digital Design #958 & #958B must take both

Course description:

Digital Media - Students will create, design and produce digital media including sound, video, graphics, text, and animation. Emphasis will be placed on effective use of tools for interactive multimedia production including storyboarding, visual development, project management and web processes.

Digital Design - This course will introduce students to the technical tools and processes used in digital design.

Students will be introduced to the design process model which includes typography, color, and imagery. In addition, design software will be utilized to create graphics, animation, web pages, and video. Students will demonstrate proper use of fair use guidelines. Career opportunities in digital design will be explored.

Both courses will explore Adobe Photoshop, Illustrator and other digital applications.

Prerequisites: Computer Applications 1 & 2

Elective

Grade 11, 12

Length of course: 2 terms

PC Systems Maintenance & Repair #959

Course description: Students enter the world of computer technology and gain practical experience in assembling a computer system, installing an operating system, troubleshooting computers and peripherals, and using system tools and diagnostic software. They develop skills in resource sharing. In addition, students explore the relationships between internal and external computer components. Emphasis is placed on customer service skills and career exploration. The course is taught via distance learning. Students will attend lab at Stanton High School 2-3 times during the course.

Prerequisites: Computer Applications

Elective.

Grade 11, 12

Length of course: 2 terms

MATHEMATICS

7th Grade Math #201

Course description: This course is basically a review of topics covered in elementary mathematics along with working with polygons, circles, polyhedrons, cylinders, percents, probability and statistics, and graphing.

Required course for 7th grade students
Length of course: 2 semesters

8th Grade Math #202

Course description: This course reinforces most and extends many of the areas covered in previous years. New materials covered includes integers exponents, scientific notation, finding square roots, area and volume of geometric figures, right-triangle geometry to the extent of the Pythagorean relation and basic trig functions, and development of the properties of and computational skills with the set of rational numbers. The development of problem-solving skills and practical application of the concepts taught is an integral part of every unit. Considerable emphasis is placed on generalizing arithmetic, ie. to represent numbers with variables and solve simple, linear equations.

May fulfill the Mathematics requirement for 8th grade students
Length of course: 2 semesters

General Math #203

Course description: This course is a review and enrichment for the four basic arithmetic operations--addition, subtraction, multiplication and division. The intent and purpose is accomplished through computations with whole numbers, fractions and decimals as they are used in a wide variety of practical applications. The course also provides the opportunity to explore geometry to the extent of measurement and fundamental properties of geometric figures. The application and use of ration, proportion and percent in practical or "life" situations is also covered.

Prerequisites: May be used toward fulfillment of math requirements for graduation.

Grade 9, 10, 11, 12
Length of course: 2 terms

Pre-algebra #218

Course description: Pre-algebra is the study of basic mathematical concepts needed for successful performance in Algebra 1. Students will review basic operations and problems in the real number system and will be introduced to problem-solving methods such as solving algebraic equations, graphing, using formulas, etc. They will also be introduced to polynomials.

Prerequisites: May be used toward fulfillment of math requirements for graduation.

Grade 9, 10, 11, 12
Length of course: 2 terms

Technical Math #220

Course description: Technical math is a review of basic arithmetic, algebra and geometry. The emphasis will be on applied mathematics. This course provides the necessary math skills to be successful in career and technical fields.

Prerequisites: General Math, Pre-algebra

Grade 11, 12
May be taken for dual credit. Prerequisites are required.
Length of Course: 2 terms

Algebra 1 #205

Course description: This course is designed to reinforce and broaden the generalization of arithmetic introduced in grade eight. The student will realize the properties of numbers also apply to variables representing numbers. The primary objective is to develop the ability to generate expressions using numbers, variables, and the basic arithmetic operations, to use those expressions to formulate equations and finally to solve the equations. Numerous opportunities to apply the various concepts to practical problem solving situations are provided.

Prerequisites: May be used toward fulfillment of math requirements for graduation for high school students. May be taken by 8th graders to fulfill the eighth grade math requirement.

Grades 8, 9, 10, 11, 12
Length of course: 2 terms

Geometry #206

Course description: Presented in the familiar Saxon approach of incremental development and continual review, topics are continually kept fresh in students' minds. Topics include basic geometric concepts such as points, lines, and planes, as well as more advanced concepts including triangle congruence, postulates and theorems, surface area and volume, proofs, slopes and equations of lines, and many others.

Prerequisites: Algebra 1 (May be used toward fulfillment of math requirements for graduation for high school students.)

Elective
Grades 9, 10, 11, 12
Length of course: 2 terms

Algebra 2 #207

Course description: This course strengthens the basic materials learned in Algebra 1. Other content consists of the study of linear functions, relations, equations, inequalities, and their graphs are discussed; polynomial, rational, and irrational expressions are treated; complex numbers; exponential functions, logarithmic functions, and matrices are introduced. Students interested in science and continuing their education should take Algebra 2.

Prerequisites: Algebra 1 (May be used toward fulfillment of math requirements for graduation for high school students.)

Elective
Grades 9, 10, 11, 12
Length of course: 2 terms

Trigonometry/Analysis #208

Course description: This is a college prep course preparing oneself for modern courses in calculus, abstract algebra, and probability. Content includes functions and relations, polynomial and rational functions, exponential and logarithmic functions, trigonometric functions, analytic trigonometry, applications of trigonometric functions, polar coordinate systems and vectors, systems of equations and inequalities, matrices and determinants and applications, analytic geometry, and sequences and series.

Prerequisites: Algebra 2
Dual credit through NECC and WSC is available. Prerequisites are required.
Elective
Grades 10, 11, 12
Length of course: 2 terms

Calculus #213

Course description: This course covers limits, differentiation, and integration of single variable functions as well as logarithmic and exponential functions.

Prerequisites: Trig/Analysis

Dual credit through NECC and WSC is available. Prerequisites are required.

Elective

Grade 11, 12

Length of course: 2 terms

Statistics/Probability #217

Course description: This course is an introduction to statistical concepts of everyday life - surveys, polls, research findings, probability, quality control, etc. Students will learn how to gather, organize, and understand data. The course is appropriate for students who plan to further their education in psychology, sociology, business, economics, education, engineering, humanities, physical sciences, medicine, marketing, or liberal arts.

Prerequisites: Algebra 2; Trig/Analysis is recommended.

Dual credit through NECC and WSC is available. Prerequisites are required.

Elective

Grade 11, 12

Length of course: 2 terms

SCIENCE

Science - 7th grade #301

Course description: This course is designed to introduce the students to chemistry, physical science, and life science. The course builds on previous knowledge of topics from elementary school. In this course, students will gather, analyze and communicate evidence of the answers to questions that interest them. A major goal is to help students recognize and appreciate how science is incorporated in everyday life.

Required course for 7th grade students.

Length of course: 2 terms

Science - 8th grade #302

Course description: This course is basic earth science, including studies in physical geology, historical geology, meteorology, oceanography, earth history and astronomy. The focus is on understanding these branches of earth science in terms of their interrelationships. A major goal of the course is to help students recognize and appreciate the applications of earth science to everyday living.

Required course for 8th grade students.

Length of course: 2 terms

Physical Science #303

Course description: Physical science is a lab-oriented science course. It includes a basic introduction to physical science through extensive lab work and lecture. Units studied include the scientific method and measurement, atoms and molecules, electricity and magnetism, light and color, chemistry, and forces and work. Each unit involves lecture, labs, daily work and assignments relating the aspect of science to daily living.

Meets the required physical science course for 9th grade students.

Length of course: 2 terms

Biology #304

Course description: Students taking biology will investigate different life forms and their characteristics. Areas of study include the scientific method of biological research, the structure and functions of cells and how they relate to homeostasis of an organism, relationships in an ecosystem, how organisms use and obtain energy, inheritance patterns and variations, and evolution. In studying these topics, students will apply and refine skills such as defining problems, develop models, plan investigations, analyze data, design solutions, and evaluate and communicate information. Applications will be made to their daily lives and the world around them.

Prerequisite: Physical Science

Meets required course for 10th grade students

Length of course: 2 terms

Chemistry 1 #305

Course description: This course is an introduction to basic chemistry. Topics studied include the elements, atomic structure, atomic theory, periodic chart, naming compounds, writing formulas, balancing chemical equations, and stoichiometry. A combination of lecture and experimentation are used to study these topics. Chemistry 1 is suggested for all those pursuing a college degree.

Prerequisites: Biology, Physical Science, and Algebra 1

May be taken to fulfill graduation requirements in science.

Elective. Grades 10, 11, 12

Length of course: 2 terms

Physiology 1 #306

Course description: Students in physiology I will learn the structure of the human body and how it functions. Topics studied in detail include organization of the body, cells, tissues, skeletal system, muscular system, digestive system and the eye. Students will also learn about certain diseases and disorders associated with the human body. A cat dissection at the end of the year will be performed to learn more about the organs and systems studied as compared to the human body. Any student who is interested in learning more about the human body or is planning a science related career should take physiology 1.

Prerequisites: Biology and Physical Science
May be taken to fulfill graduation requirements in science.
Elective. Grades 11, 12
Length of course: 2 terms

Physics 1 #308

Course description: Physics is for the student who enjoys science and math. It relates the two disciplines through the study of vectors, forces, projectile motion, gravitational pull, momentum, and more! If time allows, electricity, magnetism, and types of energy are also studied. The course is lecture and problem solving with laboratory experiences relating the two. Any student planning a science or math related career should choose physics as an elective.

Prerequisites: Biology, Physical Science, Algebra 2 and Trigonometry
May be taken to fulfill graduation requirements in science.
Elective. Grades 10, 11, 12
Length of course: 2 terms

Physiology 2 #309

Course description: This course is for students who are interested in a second year of anatomy and physiology. Topics studied in detail include the nervous, endocrine, circulatory, excretory systems as well as any other system as time permits.. Research on disorders associated with the systems studied is a course requirement. Dissections performed will consist of a sheep brain and a cow's heart. Students will also visit a gross anatomy lab to see cadavers. Any student who is planning a science related career should take physiology 2.

Prerequisites: Physiology 1
May be taken to fulfill graduation requirements in science.
Elective. Grade 11, 12
Length of course: 2 terms

Chemistry 2 #307

Course description: In chemistry 2, students review the topics discussed in chemistry 1, and then investigate the following additional topics: gas laws, acids and bases, solutions, organic compounds, and nuclear chemistry. A combination of lectures, labs, and research are used to investigate the topics. This course is highly recommended for any student who will need to take a college level chemistry course or is planning a science related career.

Prerequisites: Chemistry I
May be taken to fulfill graduation requirements in science.
Elective. Grade 11, 12
Length of course: 2 terms

Science Applications & Design #311

Course description: In this course students will investigate various topics and branches of science. Such topics could include forensics, ecology, weather, aviation and nutrition. Students will be able to explain certain concepts, apply their understanding of these concepts and, with the use of technology, create original designs based on the knowledge they learn.

Prerequisites: Physical Science, Biology

May be taken to fulfill graduation requirements in science.

Elective

Grade 11, 12

Length of course: 2 terms

Introduction to Health Science #312 (Must take with Medical Terminology)

Course description: The purpose of this course is to introduce the student to the healthcare field. Topics include health care systems, careers within the field, qualities of healthcare workers, history of health care, vital signs, safety issues, pandemics and epidemics, teamwork, and time management. Students will have the opportunity to hear from health professionals and take field trips including job shadowing. This class will serve as a solid foundation for all students in the health sciences or health occupations, regardless of the particular healthcare profession they are interested in pursuing

Prerequisites: Physical Science, Biology (recommended)

May be taken to fulfill graduation requirements in science.

May be taken for dual credit. Prerequisites are required.

Elective

Grade 10, 11, 12

Length of course: 2 terms

Medical Terminology #312 B (Must take with Introduction to Health Science)

Course description: The purpose of this class is to introduce students to the foundations of medical terminology. Learning this special language is an important step in preparing for a career as a healthcare professional. Students will be able to spell, pronounce, and define commonly used medical prefixes, suffixes, word roots and their combining vowels as they apply to each system of the body. Each unit also includes studying the anatomy, pathology and treatments of that system. This class will provide students who are pursuing a medical career with a solid background.

Prerequisites: Physical Science, Biology (recommended)

May be taken to fulfill graduation requirements in science.

May be taken for dual credit. Prerequisites are required.

Elective

Grade 10, 11, 12

Length of course: 2 terms

CNA (Nurse Aide) #996

This course is designed to meet the Nebraska Health & Human Services System training requirements for nurse aide certification and employment in long-term care facilities. This course combines classroom lecture and laboratory application for the development of basic skills needed to provide safe, effective, and caring services to the elderly or chronically ill patients of any age, in a long-term care facility. Upon completion of this course, the student is eligible to take the state written and practical skills exam. After successfully passing this examination and completing the application procedure, the student's name will be placed on the basic nurse aide registry at the Nebraska Health and Human Services Regulation and Licensure, Credentialing Division. The book is provided by Pierce Public Schools. The counselor will help register through Northeast College. An additional \$45 fee will be required if a student chooses to register to take the Certified Nursing Assistant exam at the end of the course. This \$45 fee will be required at the time of the non-credit exam registration.

Prerequisites: Physical Science and Biology (recommended)

Elective

This course is dual credit.
Students must be 16 years of age before the course ends.
Length of course: 2 terms

SOCIAL SCIENCE

7th Grade History #401

Course description: This course will be broken down into two sections, government and economics. The government portion will focus on the three branches of our federal government and how state and local governments function. The economics portion of the class will deal with personal finances and how our government functions as a buyer and seller of goods with other countries.

Required course for 7th grade students.
Length of course: 2 terms

American History 1 #412

Course description: This class will cover the early period of American History up to the mid 19th century. Besides the standard coverage of American History there will be an increased focus on geography skills and knowledge.

Required Course for 8th grade students.
Length of course: 2 terms

American History 2 #405

Course description: American History 2 starts with Progressivism and Imperialism (1850s-1912) and continues up to present time. An emphasis will be placed on how events in the past have created the foundation for our lives today and how some historical events have a history of repeating themselves.

Required Course for 10th grade students.
Length of course: 2 terms

World History #404

Course description: This survey class will cover major eras in World History. Topics covered will include: early civilizations, Greece and Rome, world religions, Middle Ages, Industrialization, Mass Society, Imperialism, World Wars.

Required course for 11th grade students.
Length of course: 2 terms

American Government #407

Course description: American Government is a study of our constitutional system with a close examination of the three main branches of our national government. Emphasis will be placed on the principals on which our government is based. Students will develop and present a project based on a general theme. They will differentiate between primary and secondary sources and use a variety of research skills.

Required for 12th grade students.
Length of course: 2 terms

Psychology #406

Course description: This course deals with the challenging study of human behavior. It is designed to investigate what psychologists have learned about why people do what they do. The student will discover new ways of looking at themselves and of interpreting the behavior of other people. Two things the student will gain by learning about psychology are insight into behavior and new practical information on how to deal with situations in everyday life.

Elective. Grades 11, 12

Dual credit available through Wayne State College.

Length of course: 2 terms

Sociology #409 (This course is offered every other year)

Course description: The emphasis for this class will be for the student to become an independent thinker into the subject of sociology. The student will discover the role that people and society play in why we live our lives the way we do, what factors encourage us to take the paths we take and how and why we make the decisions we do.

Elective. Grades 10, 11, 12

Length of course: 2 terms

Economics #410 (This course is offered every other year)

Course description: Economics is designed to help students understand and apply the theories of economics to current events and issues. A comprehensive study and evaluation of microeconomics and macroeconomics provides a framework for effective participation in a capitalistic system as citizens, wage earners, business owners, producers, and investors. This course also serves the needs of students who plan to major in business in college.

Elective. Grades 11, 12

Length of course: 2 terms

World Cultures (not currently offered) #415

This course will be a comprehensive look into the cultures, climates, and physical features of the planet's regions including North America, Latin America, Europe, Africa, the Middle East, Asia, Southeast Asia, and Oceania. Using both physical and human geography, this course takes an in depth look at how the cultures of the world developed and how those cultures interact with each other today. To do this, students will understand and evaluate the values and beliefs, language, symbols, rituals, and norms of various groups of people. Students will also look at how and why populations shift. The course will also utilize a wide range of geospatial skills to look at the world in the past and present.

Elective

Grades: 10-12

Length of Course: 2 Terms

Vocational AGRICULTURE EDUCATION

Introduction to Agricultural Science #613

Course description: This course will introduce the opportunities available to students in the area of Agricultural Education. Topics will include science and technical aspects of agriculture and natural resources and concepts and skills related to leadership and interpersonal skill development. Students will also explore careers and begin a record keeping and career portfolio system, also known as a Supervised Agricultural Experience program (SAE). Students enrolled in this class are encouraged to become involved with student leadership and service activities through FFA. This class will include many hands-on activities, and will offer several opportunities to participate and/or compete in workshops and contests. Topics include: the agriculture and food industry, natural resources, animal science and livestock selection, soil and plant sciences, food safety and processing, public speaking, parliamentary procedure, and goal setting. Students will be required to maintain their Supervised Agriculture Experience (SAE) program, deliver a public speech, and participate in a parliamentary procedure demonstration, among many other activities.

Elective
Grades 9, 10
Length of course: 2 terms

Agricultural Business and Leadership #615 and 615 B (Offered every other year)

Course description: Students in the Agribusiness Management portion of the class will develop a comprehensive understanding of sound agricultural economic and management strategies. The topics for this class include: agricultural economic principles, changes in the Ag industry, international Ag trade, business structures, cash flows, Ag balance sheets, display, marketing and sales of Ag products, computer technology, decision making and goal setting, as well as resume and interviewing skills. This class will give students the fundamental skills for agribusiness management success. Students will participate in a number of case studies and will be asked to use critical thinking and evaluation skills. Local and regional professionals will be asked to guest lecture throughout the course. Students also have the opportunity to compete in agribusiness management contests. Students will be required to maintain a Supervised Agriculture Experience (SAE) program and record book.

The leadership and professional development portion of the class will explore the current concepts and theories of leadership, engage in an individual leadership development program, and understand the basics of building human relationships. Areas include: definitions of leadership, strengths and weaknesses, goal setting, defining mission and purpose, time management, developing vision, mentoring and role modeling, and leading in a diverse society. Students will participate in a number of hands-on, group activities. There are a number of events and competitions available as well. Students will be required to plan, implement and evaluate a service learning project.

Students are encouraged to become involved with leadership and service opportunities through FFA.

Elective
Grades 11, 12
Length of course: 2 terms

Animal Science/Large Animal Management #603 & #603B - must take both

Course description: The Animal Science class will engage in the study of management, science, and technology of Livestock. Areas of emphasis will be: anatomy and physiology, reproduction technology, nutrition and feeding, health and disease, animal selection, beef and swine management, equine management, and food animal products. This class will introduce students to the latest technologies and theories available for animal management. There will be a number of guest lecturers and field opportunities for students. A livestock selection and management contest are available for students to participate in as well. Students will be required to maintain an Supervised Agriculture Experience (SAE) program and record book and complete a research paper. Students are encouraged to become involved with leadership and service opportunities through FFA.

May be used toward fulfillment of science requirements for graduation.
Elective
Grades 10, 11, 12
Length of course: 2 terms

Plant Science/Agronomy #609 & #609A - must take both

Course description: Students in Plant Science class will study plant processes based on cultural and natural processes. The class will explore how science and technology have changed the management of plants in various settings from crop production to turf care. Examples of class topics include: plant life processes, plant nutrition, soil science, crop production and management, precision farming technology, genetic altering of plants, landscaping, and turf management. Students will have the opportunity to grow and manage plants in a laboratory-growing unit.

Students will be required to maintain a Supervised Agriculture Experience (SAE) program and record book. Students are encouraged to become involved with leadership and service opportunities through FFA.

May be used toward fulfillment of science requirements for graduation.

Elective

Grades 10, 11, 12

Length of course: 2 terms

Ag Metals & Fabrication/Welding (aka Welding Part A & B) #610 & #610B - must take both

Course description: This class will expose students to a wide array of skills, knowledge, and procedures associated with the area of metals and fabrication. The class will cover tool and equipment identification, proper safety procedures involved in metal and general shop work, and the fabrication of metals, as well as other topics. Students will learn proper procedures involved with Oxy-Acetylene, ARC, MIG, and TIG welding, as well as Acetylene torch and plasma cutting. This class will also cover a variety of topics associated with agricultural mechanics such as tool identification, proper tool usage, and other miscellaneous content associated with the pathway of ag mechanics.

Students will be introduced to the design and construction of base and wall cabinets using typical carcass joinery and hardwood face frame joinery. Students learn correct and safe methods of millwork, and install plastic laminate and hardware.

Elective

Grades 10, 11, 12

Length of course: 2 terms

Natural Resources/Wildlife Management #619 & #619B - must take both

A course that provides an opportunity for students to increase awareness of the close ties among living organisms as well as natural and environmental concerns with the interrelationships of living organisms and the world around us. Students are exposed to careers related to natural resources systems. Students also look closely at Nebraska's natural resources and management techniques.

Students will closely examine ecological concepts, habitat management, wildlife species identification, and recreational opportunities that the environment and wildlife provide us with. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Elective

Grades 10, 11, 12

Length of course: 2 terms

SKILLS & TECHNOLOGY SCIENCES

(formerly Industrial Education or IT)

Architectural Design1 & Drafting (CAD) #611 & #611B - must take both

Course description: Students will learn the drafting skills necessary to complete multi-view drawings, working drawings, isometric drawings, and various mechanical objects to scale. The design program "Autodesk Revit 2020" will be utilized. Students will gain knowledge in a present day program that will enable them to continue their education at a higher level. Basic drafting terminology will be covered as well as new concepts in the area.

Students will learn architectural drafting skills associated with building a residential home. A complete set of building plans will be developed which include subdivisions, plot plans, foundations, floor plans, plumbing, electrical schematics, and elevations. The program "Autodesk Inventor 2020" will be utilized to enable the student to draw in 3D and include animation in their drawings.

Elective

Grades 10, 11, 12

Length of course: 2 terms

Introduction to Skilled & Technical Sciences (IT) # 606

Course description: Course description: Students will cover the areas of Industrial Technology covered here at PHS. These will include but are not limited to: drafting, CAD, energy, power, transportation, and woodworking. This course will introduce the students to other Industrial Technology courses offered here at PHS.

Elective

Grades 9, 10

Length of course: 2 terms

Construction Trades 1 & Construction Trades 2 (Construction and Finishings) #604 & #604B - must take both

Course description: These courses will cover carpentry and skills related to building construction. During both terms students will learn and be tested over construction safety, careers in construction, construction terminology, and building systems and components.

The first term will expose students to the different core structural systems in building constructions including foundations, floor systems, wall framing, trusses/roof framing, and sheathing. This will be accomplished through time in the classroom going over information and by working on hands-on projects, most commonly garden sheds.

The second term will expose students to different areas of building exterior finishings including roofing, siding, doors, windows, and exterior trim. Students will also be exposed to an introductory amount of construction subsystems including basic electrical and basic plumbing. This will be accomplished through time in the classroom going over information and by working on hands-on projects.

Elective

Grades 10, 11, 12

Length of course: 2 terms

Power Equipment & Transportation 1 (Small Engines/Consumer Auto) #616 & #616B - must take both

Course description: This course is two term courses combined. In the first term, the student will deal with small engine theory and application. Topics covered will include operation of two and four stroke engines, troubleshooting, and overhaul. The student is encouraged to bring an engine from home if available. If not, the school will provide engines to work on and maintain.

The second term course deals with the automobile. Topics covered include purchasing an automobile, financing, insurance, general service, and other systems in the vehicle. The objective of this course is to learn how to maintain a vehicle as much as possible. Lab activities will supplement classroom discussion on the systems of the vehicle.

Elective
Grades 10, 11, 12
Length of course: 2 terms

FAMILY AND CONSUMER SCIENCES

Introduction to Family and Consumer Sciences (FCS) #622 (Offered every other year)

Course description: This first course will provide students with an overview of the four major content areas of Family and Consumer Sciences. Students will be introduced to child development, family relationship concepts and how they relate to family dynamics. Additionally, students will identify financial literacy and consumer economic principles. Students will understand the concepts of design through textiles for personal and home use. Throughout the course, students will develop communication, leadership and career investigation skills.

Elective
Grades 9 10,11,12
Length of course: 2 terms

Fashion & Interior Design #626 & #626B - must take both (not currently being offered)

Course description: This is a combined FCS course where students will learn how to effectively use the elements and principles of design to enhance one's appearance and living spaces. Emphasis will be on using creative ways to design apparel and interior spaces. Students will draw clothing designs, and construct a garment and or accessory using the machine and hand sewing techniques. Students will also learn how to read floor plans, plan furniture arrangements within living spaces and learn to draw designs to scale. A hands on, project based approach will be used for this combination class.

Elective
Grades 10, 11, 12
Length of Course: 2 terms (1 term Fashion, 1 term Housing)

Fundamentals of Food & Nutrition and Nutrition (Nutrition and Food) #624 & #624 B - must take both

Course description: Foods and Nutrition is an introductory food preparation and a nutrition course. Major topics related to how food is prepared using different cooking techniques, food prep techniques and cooking methods will be covered. Students will also understand how food and nutrition contributes to overall health and wellness. Nutrition topics throughout the lifespan will be covered. Class lecture and discussion, demonstrations, food labs, field trips, hands on projects and home cooking experiences will be used as part of the class instruction.

Elective
Grades 10, 11, 12
Length of course: 2 terms

Child Development/Parents and Families (Child Development) #623/#623B - must take both

Course description: This course will aid the student in developing pre-parenting skills that can be used when working with children in a variety of settings. Students will gain an understanding of the decisions that must be made and parenting practices that will benefit children. Students will understand how children grow and develop. Parenting readiness will be evaluated and students will gain an appreciation of the responsibility involved with parenthood. Reproduction, pregnancy, labor and delivery will be discussed with prenatal care being the central focus. Simulated parenting experiences and other hands-on, project based activities will be used to help students gain an appreciation for the challenges and joys that parenting and working with children can bring. Additionally, the class travels to a hospital to tour the delivery and neonatal units. Physical, emotional, social, intellectual, and moral development of children will be studied. Discipline of children will also be covered.

Elective
Grades 10, 11, 12
Length of course: 2 terms

BUSINESS

Introduction to Business #630

Course description: This class is of value to all students because it covers topics that are important for everyday life. Specific topics covered include various economic systems, good consumerism, banking services, savings and investments, keeping records, taxes, borrowing money, charge accounts, and being a wise consumer. It is suggested that this course be taken the freshman or sophomore year.

Elective
Grades 9, 10, 11, 12
Length of course: 2 terms

Accounting 1 #634 & #634b - must take both

Course description: Accounting 1 provides students with instruction in the terminology and concepts of sole proprietorships and corporations. Double-entry accounting principles and procedures are applied in maintaining business records for both service and merchandising businesses. Students are provided with opportunities for hands-on experiences on the computer. Individuals who plan to major in accounting or business administration in college would benefit from this course.

Elective
Grades 10, 11, 12
Length of course: 2 terms

Accounting 2 #635 & #635b - must take both

Course description: Introduction of accounting principles, concepts, and practices. Topics are the balance sheet, the income statement, the statement of owner's equity, the statement of cash flows, worksheets, journals, ledgers, accruals, adjusting and closing entries, internal controls, inventories, fixed and intangible assets, liabilities, equity and financial statement analysis. This course provides a foundation for more advanced work in the fields and business.

Prerequisites: Accounting 1
May be taken for dual credit through NECC.
Elective
Grade 11, 12
Length of course: 2 terms

Personal Finance #642 (This course is a part of the Real World Seminar requirement)

Course description: This course will cover the basic principles needed for effective personal financial management, including the practical applications of money management, budgeting, taxes, credit, insurance, housing, investments, and retirement planning.

May be taken for dual credit or Articulation agreement with NECC.

Elective

Grades 11, 12

Length of course: 2 terms

Entrepreneurship #645

Course description: Entrepreneurship is a course with an emphasis on the evaluation of the business skills and commitment necessary to successfully operate an entrepreneurial venture and review the challenges and rewards of entrepreneurship. The role of entrepreneurial businesses in the United States and the impact on the national and global economy will be explored. Work-based learning strategies could be included through the development of a business plan, operation of school-based enterprise, or actual creation of a student-run business. Students will take part in a group and self-entrepreneurial projects to fully understand the business world.

Prerequisite: Introduction to Business

Elective

Grades 11, 12

Length of course: 2 terms

EDUCATION & TRAINING

Introduction to Professional Education #753 (Not Currently Being Offered)

Course description: Students are introduced to teaching as a profession through the historical, cultural, and philosophical foundations of educational systems. Students will explore various aspects of education, as well as their beliefs and values about teaching and learning through the exploration of professional knowledge, practice, and values.

Elective

Grades 11, 12

Dual Credit through Wayne State College

Length of course: 2 terms

Specialists

PHYSICAL EDUCATION & HEALTH

Health and Physical Education - 7 #505

Course description: This class will meet in the gym three days a week for physical education and two days a week in an assigned classroom for health. The physical education class will consist of a variety of activities that will develop and strengthen the student's physical, social, and mental health. These activities will include fitness activities, FitnessGram physical fitness testing, line dance, frisbee activities, volleyball, volleybird, cooperative activities, critical thinking activities, football, tumbling, cageball activities, table tennis, team handball, and many more. To keep up on personal hygiene, students are expected to shower after classes when there is physical activity. The health related part of the class will consist of three to six units including total health, social and public health, fitness and nutrition, physical health, substance abuse, and safety and the environment. The physical health unit includes body systems (male and female reproductive organs), noncommunicable diseases, and communicable diseases (sexually transmitted diseases). The students will be educated by means of lecture, videos, overhead transparencies, powerpoint discussions, guest speakers, class discussion, group and dual activities, and health labs.

Required course for all 7th grade students.
Length of course: 2 terms

Health and Physical Education - 8 #501

Course description: The eighth grade health and physical education course is a continuation of the seventh grade course. The health topics are covered in more depth.

Required course for all 8th grade students.
Length of course: 2 terms.

Health and Physical Education - 9 #502 (Not Currently Being Offered)

Course description: This physical education class stresses the development of fitness, strength, flexibility, cardiovascular endurance, and coordination through a wide variety of activities. Each physical education day consists of work on flexibility through various stretching exercises, strength through push ups and abdominal crunches, cardiovascular endurance through rope jumping and continuous running, and coordination through form running. We will also focus on both team activities/games and individual activities. These activities include: softball, volleyball, archery, horseshoes, badminton, table tennis, soccer, floor hockey, Frisbee golf, football, and basketball. Health class will be spent on health related units. This part of the class will be much like any other class with daily work, quizzes, and tests. The topics that will be discussed are as follows: endocrine and reproductive systems, prenatal development and birth, adolescence and the life cycle, sexually transmitted infections and HIV/AIDS, first aid and emergencies, and making healthy choices and choosing to be abstinent.

Required class for all 9th grade students.
Length of course: 2 terms

Strength and Fitness #504

Course description: This course is designed to meet the needs of the student in the area of strength, flexibility, power, cardio-vascular endurance and agility. The main focus of the class is to improve the strength of the participating students. Our strength program consists of four days of strength training (Monday - Thursday) and one day of rest (Friday). The total strength program lasts nine weeks. The various lifts and exercises performed in class utilize both free weights and universal weights. All students are expected to dress out and actively participate each day. Personal hygiene is important and students are expected to shower after physical activity. An average class day in Strength and Fitness is one hour of strength training, twenty minutes of flexibility and cardiovascular endurance activities, and ten minutes to shower and change.

Elective. Grades 10, 11, 12
Length of course: 2 terms May be repeated if passed. Does not apply to GPA.

MUSIC

Senior Choir #550, #551

Course description: Senior Choir is an elective subject, available for students in grades 9-12. The course is available for all four terms for five credits per term. Failure prevents a student from enrolling in the course for another term. The choral ensembles focus on the development of comprehensive choral musicianship through the performance experience. Members will be exposed to a variety of music literature with an emphasis on high quality performance and thorough understanding. This ensemble performs throughout the year.

Elective. Open to students in Grades 9, 10, 11, 12 by permission of instructor

Length of course: 1-4 terms May be repeated with a previous passing grade. Does not apply to GPA.

Senior Band #560, #561

Course description: The Varsity Band is a continuance of development of the skills and techniques introduced in all previous bands. The band is essentially a performance oriented ensemble, performing for many community and school activities. Students have the opportunity to participate in marching band, concert band, jazz band, pep band, and small ensembles. Students receive credit for every term. The grading is not applicable to GPA. Failure prevents a student from enrolling in the course for another term.

Elective Grades 9, 10, 11, 12

Length of course: 1-4 terms May be repeated with a previous passing grade. Does not apply to GPA.

Sr. Band and Choir Split Block – S1 #568 & #569; S2 #570 & #571

Course description: Senior Band and Choir is offered for those students who would like to participate in both band and choir. Students receive credit for every term. The grading is not applicable to GPA. Failure prevents a student from enrolling in the course for another term.

Elective Grades 9, 10, 11, 12

Length of course: 1-4 terms May be repeated with a previous passing grade. Does not apply to GPA

Jazz Band

Jazz Band is a select ensemble made up of saxophones, trombones, trumpets, drums, guitar, bass guitar, piano and vibes. Jazz Band focuses on the development of skills required to play all different styles of music such as Latin, swing, rock-funk, shuffle and blues. The students have the opportunity to develop improvisational skills and focus on more complex scales. Selection is based on a competitive audition and no credit is given. Jazz Band meets partially during regular band time and before school on select days from 7:00 am-7:35 am.

ART

Art 1 #520

Course description: Art 1 will introduce students to a wide variety of media, skills, technology, and thought processes. Beginning level students will practice these various skills through the use of media in class sessions and also be given the opportunity to work on their own artworks. Students will be exposed to technology through the use of computers to create art work. Thought processes that promote creative thinking will also be practiced while creating.

Elective. Grades 9, 10, 11, 12
Length of Course: 2 terms

Art 2 #521

Course description: Art 2 is offered to those students who have successfully completed Art 1. This class is designed to further a student's skill level in media used in Art 1 and introduce them to more media and techniques. Students will keep a sketchbook which will chart progression of skill development by providing an avenue for self-expression and practice. Creative thinking will be stressed so that students will create works of interest and substance. The use of technology will be increased through programs and the number of opportunities to practice using those programs.

Prerequisites: Art 1
Elective. Grades 10, 11, 12
Length of course: 2 terms

Art 3 #522

Course description: Art 3 is offered to those students who have successfully completed Art 2. This class is designed for those students who want to further their artistic skills. Their skill levels in using media will increase to the point that desired effects can be controlled consistently. Students will begin to show a personal style unique to their own way of working with each media. Technology will provide students with a variety of avenues that setup images from design setup to making movies. Students will provide evidence of creative thinking skills while completing projects.

Prerequisites: Art 2
Elective. Grades 10, 11, 12
Length of course: 2 terms

Art 4 #523

Course description: Art 4 is offered to those students who have successfully completed Art 3 and are interested in pursuing a career in the art field. Students will work to further refine their style and way of working with each media. Students will have the opportunity to direct their instruction to help suit their professional goals. The instruction will give students the opportunity to work through problems in a way typical of their future field. This class will also have students prepare a portfolio as an example of their abilities. Evidence of higher order thinking skills used in the creation of an idea will be demonstrated through the completion of an art project. The use of technology to enhance design and technology skills will be further practiced through the variety of computer programs available.

Prerequisites: Art 3, instructor's permission
Elective. Grade 11, 12
Length of course: 2 terms

Art 5 #524

Course description: Art 5 is offered to those students who have successfully completed Art 4 and will be pursuing a career in Art Education, Graphic Design, or a career that will be directly benefited from more visual art exposure. Students will have the opportunity to develop their art skills to a level to attain scholarships through the presentation of their portfolios. Instruction will be individualized to help round out a student as well as enhance those strengths that are already evident. Technology will again be utilized to help students gain knowledge and understanding on using computers. Students will also be expected to aid in the instruction of other students within the classroom.

Prerequisites: Art 4, instructor's permission

Elective. Grade 12

Length of course: 2 terms

OTHERS

Real World & Personal Finance #644 & #642

Course description: This course will be divided into three 6 week mini-courses. These three courses are Money Management & Financial Planning taught by a Business teacher, Relationships & Family Life taught by a FCS teacher and Home & Auto Maintenance taught by an IT teacher. This class will give upperclassmen students at Pierce High School the necessary tools and information needed to be successful once they graduate and begin life on their own. Starting in the 2013-14 school year, this course will be a graduation requirement and can be taken either in a student's junior or senior year.

Required for 12th Graders
Length of course: 2 terms

Work-Based Learning #988WB

Course description: This class gives students opportunities to apply their learning to worksite situations. Students will be placed at a number of worksites based on their career interests and their aptitudes. The business community and the school will work together to create opportunities where students can apply the skills, knowledge and beliefs learned in the classroom to actual business situations and positions.

Prerequisite: Students must apply and be selected for the program.
Elective.
Grade 11,12
Length of course: 2 terms

Cadet Teaching #752

Course description: This course is for students interested in a career in education. The student will be paired with a faculty member and will assist in the classroom.

Prerequisite: Must have permission from the guidance office.
Elective. Grade 12
Length of course: 2 terms

Cadet Coaching #803

Course description: Cadet coaching is offered as either a one term (9 week) or full semester course. The student will assist on-staff coaches during the junior high sports season with everything from on-field/court coaching to practice planning to team management. The class will be a pass/fail course.

Prerequisite: Must have permission from the principal or athletic director.
Elective: Grade 11, 12
Length of course: 1-2 terms Does not apply to GPA.

Office Aide #801

Course description: Students may serve as office aides with special permission. The duties of an aide are to assist the school in duplicating materials or assisting with activities. Additionally, office aides have specific duties each period. No credit is awarded for being an aide.

Elective. Grades 11, 12
Length of course: 1 term

Junior High Exploratory 7 #805

Course description: Junior High Exploratory is a survey course of several areas. Students spend six weeks in each of the following areas: Writing, Keyboarding, and Social Skills. Required for 7th graders. Length of course: three 6 week courses (2 terms).

JH Exp STEM

Course description: Exploratory STEM will explore science, technology, engineering, art and math opportunities. Students will engage in projects to foster design thinking, problem solving, and engineering. Required for 7th graders. Length of course: 6 weeks

JH Exp Social Skills

Course description: Students learn to use a decision making model and practice methods of managing anger and handling bullying. Students write personal mission statements and learn about strengths, qualities, and multiple intelligences that contribute to success. Required for 7th graders. Length of course: 6 weeks

JH Exp Keyboarding

Course description: Emphasis will be placed on learning touch keyboarding. We will memorize the alphabetic and numeric keyboards as well as the basic service keys. Computer terms will be learned. Correct posture will also be emphasized, as well as figuring and setting margins. Required for 7th graders Length of course: 6 weeks

Junior High Exploratory 8 #808

Course description: Junior High Exploratory is a survey course of several areas. Students spend four and one half weeks in each of the following areas: Family and Consumer Sciences, Industrial Technology, Speech, and Spanish. Required for 8th graders. Length of course: four 4.5 week courses (2 terms)

JH Exp Family and Consumer Sciences

Course description: This course provides students an opportunity to look at Family and Consumer Sciences. The basics of human relations/communications, decision making, fitness and nutrition, food preparation, child care, and basic clothing construction are incorporated into the class. Money management and other consumer issues are taught throughout the course by a reality simulation. The reality simulation consists of the class existing as a town and the students as townspeople with jobs and expenses. Required for 8 graders Length of course: 4.5 weeks

JH Exp Industrial Technology

Course description: This is a course designed to explore the various fields of industrial and agricultural technology. The students will develop a basic understanding of the different careers available in agricultural and industrial technology. Most of the units of instruction will have "hands on" experience. some of the units are: computer controlled mill, computer controlled robotic arm, auto-cad drafting, plant propagation, livestock, crops, drafting, environment, engine principles, electricity, and carpentry. Upon completion of the class students will have a better understanding of the world of work and be better prepared to select classes in high school that will assist them with their career objectives. Required for 8 graders Length of course: 4.5 weeks

JH Exp Speech

Course description: In this class the students are exposed to the principles needed to create a speech, including research, writing, and learning about nonverbal communication. They will give three speeches. Required for 8th graders. Length of course: 4.5 weeks

JH Exp Spanish

Course description: this class introduces students to the Spanish language and the cultures of the peoples around the world who speak Spanish. Students learn basic vocabulary such as numbers, time, weather, greetings, dates, colors, animals, family and rooms. They also study the culture of Mexico and the Hispanic influence in the United States. Required for 8 graders Length of course: 4.5 weeks

Junior High Activities

Course description: Junior High Activities is a course in which students can explore fine arts and athletics. (See the descriptions that follow.)

Required for all 7th and 8th graders.

Length of course: 4 terms

Junior High Band

Course description: The Junior High Band is a continuation of the development of skills and techniques introduced in the fifth and sixth grade bands. Special emphasis is placed upon the study of scales, rhythms, and pitch discrimination. It is also a forum for developing ensemble playing skills. The Junior High Band is primarily a concert group, however there is an introduction to Marching Band in the early fall. Students who wish to be in Junior High Band that have no previous experience must have special permission from the instructor to participate.

Elective: Grades 7 & 8

Length of course: 4 terms

Junior High Choir

Course description: Junior Choir is an elective subject, available to any seventh or eighth grade student. Students will expand their knowledge of musical terminology and history, drawing from previously acquired elementary skills. Members will be exposed to a variety of music literature with an emphasis on high quality performance and thorough understanding. Students in choir have the opportunity to participate in Show Choir. Both ensembles perform throughout the year. All students are expected to attend all required concerts for their choir

Elective. Grades 7 & 8

Length of course: 4 terms

Junior High Athletics

Course description: Each student will have the opportunity to improve themselves, not only physically, but socially and mentally, through a variety of different activities. For junior high boys interested in athletics football, cross-country, basketball, wrestling, and track are offered. For junior high girls interested in athletics: volleyball, cross-country, basketball, and track are offered. The practices begin approximately at 2:45 P.M. and end at approximately 4:00 P.M.

Elective - Grades 7, 8

Length of course - depends on the athletic season - student may participate in as many sports as they like.

SPECIAL EDUCATION

Lifeskills English 7 #703

Course description: This is an individualized program in English topics designed to meet the needs of the seventh grade Special Education student.

Pre-requisites: Placement by Special Education department.
Length of Course: 2 or 4 terms

Lifeskills English 8 #709

Course description: This is an individualized program in English topics designed to meet the needs of the eighth grade Special Education student.

Pre-requisites: Placement by Special Education department.
Length of Course: 2 or 4 terms

Lifeskills English 9 #705

Course description: This is an individualized program in English topics designed to meet the needs of the freshman Special Education student.

Pre-requisites: Placement by Special Education department.
Length of Course: 2 or 4 terms

Lifeskills English 10 #706

Course description: This is an individualized program in English topics designed to meet the needs of the sophomore Special Education student.

Pre-requisites: Placement by Special Education department.
Length of Course: 2 or 4 terms

Lifeskills English 11 #707

Course description: This is an individualized program in English topics designed to meet the needs of the junior Special Education student.

Pre-requisites: Placement by Special Education department.
Length of Course: 2 or 4 terms

Lifeskills English 12 #708

Course description: This is an individualized program in English topics designed to meet the needs of the senior Special Education student.

Pre-requisites: Placement by Special Education department.
Length of Course: 2 or 4 terms

Lifeskills Math 7 #710

Course description: This is an individualized program in Math topics designed to meet the needs of the seventh grade Special Education student.

Pre-requisites: Placement by Special Education department.
Length of Course: 2 or 4 terms

Lifeskills Math 8 #709

Course description: This is an individualized program in Math topics designed to meet the needs of the eighth grade Special Education student.

Pre-requisites: Placement by Special Education department.
Length of Course: 2 or 4 terms

Lifeskills Math 9 #714

Course description: This is an individualized program in Math topics designed to meet the needs of the ninth grade Special Education student.

Pre-requisites: Placement by Special Education department.
Length of Course: 2 or 4 terms

Lifeskills Math 10 #716

Course description: This is an individualized program in Math topics designed to meet the needs of the tenth grade Special Education student.

Pre-requisites: Placement by Special Education department.
Length of Course: 2 or 4 terms

Lifeskills Math 11 #717

Course description: This is an individualized program in Math topics designed to meet the needs of the eleventh grade Special Education student.

Pre-requisites: Placement by Special Education department.
Length of Course: 2 or 4 terms

Lifeskills Math 12 #718

Course description: This is an individualized program in Math topics designed to meet the needs of the senior Special Education student.

Pre-requisites: Placement by Special Education department.
Length of Course: 2 or 4 terms

Lifeskills History (Grade 7) #715

Course description: This is an individualized program in social studies designed to meet the needs of the Special Education student.

Pre-requisites: Placement by Special Education department.
Length of Course: 2 or 4 terms

Lifeskills American History 1 (Grade 8) #723

Course description: This is an individualized program in social studies designed to meet the needs of the Special Education student.

Pre-requisites: Placement by Special Education department.
Length of Course: 2 or 4 terms

Lifeskills American History 2 #720

Course description: This is an individualized program in history designed to meet the needs of the Special Education student.

Pre-requisites: Placement by Special Education department.
Length of Course: 2 or 4 terms

Lifeskills American Government/Research #722

Course description: This is an individualized program in government designed to meet the needs of the Special Education student.

Pre-requisites: Placement by Special Education department.
Length of Course: 2 or 4 terms

Lifeskills World History #719

Course description: This is an individualized program in history designed to meet the needs of the Special Education student.

Pre-requisites: Placement by Special Education department.
Length of Course: 2 or 4 terms

Basic Physical Science #724

Course description: This is an individualized program in science designed to meet the needs of the Special Education student.

Pre-requisites: Placement by Special Education department.
Length of Course: 2 or 4 terms

Basic Biology #711

Course description: This is an individualized program in biology designed to meet the needs of the Special Education student.

Pre-requisites: Placement by Special Education department.

Length of Course: 2 or 4 terms

Lifeskills Resource #721

Course description: This is an individualized program to help students with their particular areas of weakness. It is designed to meet the needs of the Special Education student.

Pre-requisites: Placement by Special Education department.

Length of Course: 2 or 4 terms

Work Release #712

Course description: This is an individualized program in which the student is placed at a job site and performs the required job duties expected by the supervisor.

Pre-requisites: Placement by Special Education Department.

Length of Course: 1 to 4 terms