

# Pierce Jr-Sr High School

## Curriculum Handbook

# PIERCE Jr-Sr HIGH SCHOOL

## Vision Statement

E<sup>2</sup> = Excellence in Education - Nothing Less

## Mission Statement

The mission of the Pierce Public Schools is to provide quality programs and quality staff for all students. We encourage community involvement and support in preparing all students to succeed as responsible citizens, lifelong learners, and confident members of a changing society.

## COURSE DESCRIPTION GUIDE

### Requirements for Graduation

The minimum number of credit hours to be earned during grades nine through twelve for graduation is 240. Students must attend school a minimum of sixteen terms. Any variance in this attendance requirement must be approved by the Board of Education. Students must pass the following number of terms in each of the required subject areas:

English.....	8 terms
Social Science.....	6 terms
Science.....	3 courses including Physical Science and Biology
Mathematics.....	3 courses including Algebra 1 or Algebra 1+
Physical Education.....	2 terms
Computer Applications 1....	2 terms

A term course completed with a passing grade is worth 5 credits. Check with the high school counselor for the specific courses which are required for you to meet the graduation requirements.

### Senior Graduation Eligibility

Not only must a student meet the total number of hours required for graduation their senior year, a student must pass in two (2) subjects each term of their senior year.

Graduation from high school shall be on the recommendation of the High School Principal and the Superintendent as set forth by the Board of Education and the State Department of Education. If after the first term of the senior year a student cannot realistically meet the graduation requirements of the school district, he/she will not be allowed to participate in graduation ceremonies. Blank diplomas will not be given.

## 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 terms

### 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 terms

### 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 the short story, 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 both terms.

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, writing and speech 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 - cause and effect, problem/solution, and persuasive. This leads into the research paper unit, focusing on research techniques and preparation of a research paper and typing of a research paper. The course ends with a short story unit.

Required course for 10th grade students.  
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 #106

Course description: This is a vocational/business English course for the non-college bound senior. Concentration is on improvement of the student's ability to use English effectively in the world of business. The first term focus is on the mechanics of business writing with emphasis on correct grammar and usage, punctuation, effective sentences and paragraphs. There are vocabulary words and tests each week. There is a non-verbal communication unit. Problem solving, group participation, and technical writing units are also involved. The second term includes the writing of effective business messages, sales messages, preparation for interviewing, units on what employers expect and what employees need to know. Job applications, letters, and resumes are practiced. Research techniques and typing of a research paper on an occupation is required. During the course of the class presenters come and discuss various occupations. A reading for pleasure program is required.

May be used toward fulfillment of English requirements for graduation.  
Grade 12  
Length of course: 2 terms

#### English 12 #107

Course description: This course can be used to fulfil 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 six traits of effective writing, and practice. The primary focus is essay writing. 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 ACT Reading test score of 18 or higher AND ACT English test score of 18 or higher.  
Grade 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 for newspapers and magazines. 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 extra-curricular 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 of modern journalism and design techniques. 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

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 yearbook. They are required to observe and, if possible, assist 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

#### Reading #110

Course description: The Reading class is a nineteen minute block of time at the beginning of fourth period in which students silently read a library book. Each student chooses a book based on his own individual reading level and interest. When finished reading a particular selection, each student takes an Accelerated Reader exam to test their knowledge of the book. Based on the exam score and the difficulty level of the book, the student earns points for each test passed. Each student is assigned a point goal for the semester. This point goal is directly dependent on the the skill level of the reader. The more skilled a reader is, the higher the point goal. Students earn a grade for the semester based on the following criteria: average percent correct on AR tests (25%), percent of goal the student attains (25%), daily time on task (work ethic during reading time) (40%), and daily recording on log sheet (10%). The course is worth 3 credits and does count toward the GPA.

Required.

Grades 7, 8, 9, 10, 11, 12

Length of course: 4 terms

#### Speech #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 by reading books that many colleges consider prerequisites to college enrollment. Students will be required to earn a predetermined number of Accelerated Reader Points by reading books and passing Accelerated Reader quizzes from a list of books selected by the English faculty of Pierce High School. Students must be reading at a 10th grade reading level

as determined by the STAR reading test to enroll in this class. Students may also choose to take this class as independent study.

Elective.

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 the 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

Grades 11, 12

Length of course: 2 terms

# INFORMATION TECHNOLOGY

## Computer Applications 1 #901

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 Applications 2 #902

Course description: Students will review basic word processing, spreadsheet, multimedia and Internet research applications. Students will also review/learn advanced techniques in all areas. Other areas included are computer programming using Visual Basic, web page development using html and java, and data base application.

Prerequisites: Computer Applications 1, Algebra 1 (or concurrent enrollment in Algebra 1)

Elective

Grades 9, 10, 11, 12

Length of course: 2 terms

## Computer Programming 1 #903

Course description: The student will learn to operate the computer to program using Visual Basic, C++, Java, and/or html. Other topics include basic web page construction, operating systems, hardware maintenance, software installation, and current technologies.

Prerequisites: Computer Applications 1 and 2, Algebra 1

Elective

Grades 10, 11, 12

Length of course: 2 terms

Computer Programming 2 #904

Course description: Computer 2 is a continuation of Computer 1. Topics covered include more programming using C++, Java, and/or html, web page construction, operating systems, hardware maintenance, software installation, advanced programming topics, and current technologies including multimedia.

Prerequisites: Computer Programming 1

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 terms

## 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 terms

## 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 provide 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

## 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 eighth grade math requirement.

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

#### Algebra 1 Plus #210

Course description: This course is the same as Algebra 1 except at a slower pace. The same curriculum will be covered in 4 terms rather than 2 terms.

Prerequisites: May be used toward fulfillment of math requirements for graduation for high school students. Admission by recommendation only.

Grades 8, 9, 10, 11, 12  
Length of course: 4 terms

#### Geometry #206

Course description: This course provides a simple, yet thorough, introduction to the fundamentals of geometry. The lessons are short and easy to read. The exercises serve to help students develop basic geometric principles. Some lessons are introduced and expanded upon using the Geometer's Sketchpad, a computer software package. If time permits, the student will apply some of the principles and techniques of geometry with outside activities.

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, relation, 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 the calculus, abstract algebra, and probability. Trigonometry will be emphasized the first term. Other basic content comprises of vectors, complex numbers and polynomials, analytic geometry, exponential and logarithmic functions, sequences, and series.

Prerequisites: Algebra 2

Dual credit through NECC is available. Prerequisite is ACT Math test score of 21.

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. The use of graphing calculators will be incorporated in every chapter.

Prerequisites: Trig/Analysis

Dual credit through NECC is available. Prerequisites for dual credit are ACT Math test score of 23 and NECC-Math 1200 (Algebra/Trigonometry)

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, quality control, etc. 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 is available. Prerequisites are for dual credit are ACT Math test score of 21 OR NECC-Math 1150 (College Algebra) grade of C OR NECC-Math 1200 (Algebra/Trigonometry) grade of C or Appropriate COMPASS Math test score.

Elective

Grade 11, 12

Length of course: 2 terms

### Math Applications #219

Course description: This course covers detailed aspects of personal financing such as earning money, buying food, shopping for clothes, managing a house, buying and maintaining a car, working with food, improving your home, traveling, budgeting your money, banking and investing, paying taxes, and preparing for careers.

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

Grades 11, 12

Length of course: 2 terms

# SCIENCE

## Science - 7th grade #301

Course description: This course is designed to introduce the students to the basic principles of life. Included in this is the study of the structure and function of living organisms and their ecological relationship. A major goal is to help students recognize and appreciate the applications of life science to 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.

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

## Biology #304

Course description: This required course is used to continue the students study of different life forms and their characteristics. Unit studied include methods of biological research, the working of plant and animal systems, methods of heredity, reproduction, cells, and the five kingdoms. Evolution and ecology will be covered if time permits. To cover such varied subjects, the student will be exposed to numerous labs, films, and visual aids to take them as far as possible to living situations. Both living and preserved plants and animals are used.

Prerequisite: Physical Science  
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, stoichiometry, gases, acids and bases. Lecture and experimentation are used to study the ideas and topics. A good math background is helpful. 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: Physiology 1 deals with the human body and how it functions. The student will use a variety of books supplemented by notes from various sources, various films, labs, dissections, and microscopic examination of tissue slides. It is the purpose of this course to inform the students as fully as possible on the make-up and function of the bodies. Students will also learn about certain diseases and disorders associated with the human body. Any student planning a science related career, especially a medical 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 by the study of the mechanics of solids, and optics. If time allows, electricity and magnetism are also studied. The course is basically lecture and problem solving with laboratory experiences relating the two. Concurrent enrollment in Algebra II or Geometry is recommended. Any student planning a science or math related career should choose physics as an elective.

Prerequisites: Biology, Physical Science and Algebra 2  
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 interested in a second year of physiology. Topics studied in detail include the nervous, endocrine, circulatory, excretory systems as well as a unit on immunity. Some comparative anatomy studies are done. Research on disorders associated with the systems studies is a course requirement. The course utilizes lab work, dissections, and computer programs.

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: This course reviews the topics of chemistry in the first term. Additional topics covered include the gas laws, chemical kinetics, equilibriums, solutions, ionizations and redox reactions. New areas of investigation include organic, nuclear, and analytical chemistry. Individual student study supplemented with brief lectures and labs are used to investigate the topics. Other science topics of interest are investigated as class projects throughout the course. This course is highly recommended for any student 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

Physics 2 #310

Course description: This course is an independent study course for students interested in a second year of physics. Topics studied concentrate on those not covered in Physics 1, such as, electricity and magnetism, fluid mechanics, and nuclear physics.

Prerequisites: Physics 1

May be taken to fulfill graduation requirements in science.

Elective. Grade 11, 12

Length of course: 2 terms

Science Applications #311

Course description: The class will study the principles of science that are used when different devices perform their tasks, for example, how a television receives a signal and converts the signal to a picture. Course work studied will cover all branches of science. Topics investigated may include fiber optics, lasers, ecology, sound, medicine innovations and other current science technological advances. Projects, labs, lecture and media will be used to investigate the topics.

Prerequisites: Physical Science, Biology

May be taken to fulfill graduation requirements in science.

Elective

Grade 11, 12

Length of course: 2 terms

## SOCIAL SCIENCE

### Civics/Economics #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

### World History #403

Course description: This course is an introduction to the study of World History. It covers the accomplishments of the early peoples from prehistoric times to the year 1000. Geography concepts will be integrated into the study.

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

### American History 2 #405

Course description: American History 2 is a thematic presentation that covers the accomplishments of America and of the American people from 1900 to the present.

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

### World History #404

Course description: World History presents a chronological narrative of world history from the earliest civilizations to the present. The course traces the development of civilizations in different parts of the world with an emphasis on western civilization.

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

### American Government/Research #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 yourself 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  
May take for dual credit through NECC  
Length of course: 2 terms

#### Sociology #409

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 figuring how 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

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

# 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 Agriculture 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

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 #603

Course description: The Animal Science class will engage in the study of management, science, and technology of domesticated animals including livestock, horses, and companion animals. 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 companion animal care. 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. Additionally, students will be responsible for the management of their own "chicken farm". 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 #609

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.

The class will study horticulture by developing comprehensive knowledge and skills related to the following areas of horticulture: plant growth, floral design, floral identification, care of experiments, landscaping design and care, and much more. Hands on work and applied knowledge will make up a major portion of this class. This class will introduce students to the latest technologies and theories developed within horticulture and landscaping. There will be a number of guest lecturers and field opportunities for students. The students will be responsible for a housing landscape project.

Students will be required to maintain an 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

#### Natural Resources #610

Course description: This course is designed for students interested in environment, natural resources and conservation. Material to be covered includes resource awareness, conservation of soil, water, and air, pollution, air quality, ecology, wildlife, fish, outdoor recreation, and hazardous

materials. Students will spend some time in the laboratory developing those skills necessary for a career in natural resources.

Elective

Grades 10, 11, 12

Length of course: 1 term

# INDUSTRIAL TECHNOLOGY

## Computer Aided Design #611

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 "Auto CAD 2006" 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 "Inventor 6" 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 Industrial Technology (IT) # 606

Course description: Students will cover modular topics in the four areas of technology: communications, transportation, manufacturing, and construction. The course will utilize modular based instruction to enable the student to experience each area. Topics to be covered include: robotics, hydraulics, pneumatics, Auto CAD and small engine theory. This course will introduce the students to other courses in Industrial Technology.

Elective  
Grades 9, 10  
Length of course: 2 terms

## Construction #601

Course description: Students will build a medium size hardwood project in the wood shop. In addition to the skills learned in the construction of this project they will do laboratory work in cabinet door and drawer construction, laminating, formica, upholstery, refinancing, mass production, and lathe turning.

Carpentry and skills related to building construction will be the basis of this class. Some of the units of instruction include: building a house from the foundation to the roof. This includes surveying, zoning laws, plumbing, bridge construction, geodesic domes and house designs. Part of the term will be the actual construction of a small utility building or single car garage on school property.

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

Transportation Technology #608

Course description: The student will study various energy, power, and transportation systems that are utilized in our environment. Alternative energy systems and energy conservation will be explored. The power system that will be introduced will include: hydraulics, pneumatics, internal combustion engines, jet, diesel, rockets, and steam engines. Transportation systems that will be covered include space, water, land, air, and intermodal. The student will complete various lab activities with each unit.

This course is a beginners course in the care and upkeep of the automobile. Topics to be covered range from the purchasing of a auto, insurance coverage, and basic upkeep of the vehicle. Lab activities will coincide with each unit. It is recommended that the student have a vehicle to familiarize himself with.

Elective

Grades 10, 11, 12

Length of course: 2 terms

Electricity/Electronics and Manufacturing #607

Course description: Students will be studying electrical wiring procedures as it is related to residential wiring, electronics, fiber optics, integrated circuits, transistors, LED's, diodes, radio and TV fundamentals, robotics, lasers, semiconductors, telecommunications, satellite communications and orbits. Laboratory work will include wiring up electrical wires to control lights and switches and electronic boards.

The manufacturing portion of the class is designed for students wishing to gain expertise in the manufacturing industry. Units of instruction include: manufacturing material, arc welding, oxyacetylene welding and cutting, mig welding, plasma cutting, computer controlled mill and lathe and a mass production project. Coveralls are required for this class. A small metal project will be constructed using the skills learned.

Elective

Grades 10, 11, 12

Length of course: 2 terms

## **FAMILY AND CONSUMER SCIENCES**

### Introduction to Family and Consumer Sciences #622

Course description: This is a two term course which gives students an overview of family consumer science. This introductory course allows students to explore all areas of family consumer science. The students will learn about themselves, family, child care, consumerism, food and nutrition, clothing and textiles, and housing and living space.

Elective

Grades 9 10,11,12

Length of course: 2 terms

### Fashion Textiles #625

Course description: In this course the student will learn why we wear clothes and why fashions change, how to effectively use the elements and principles of design to create the illusion of height and thinness by selecting the right clothes for one's body shape, ways to expand one's wardrobe and make the clothing dollar go farther. The student will also learn to use color to enhance one's appearance and learn about fibers and fabrics. Students will be using computer programs to design clothes and determine clothing style appropriate for their body proportions. Construction of a garment is required along with a cost comparison of ready-made and home-made garments. Offered every other year.

Elective

Grades 10,11,12

Length of course: 2 terms

### Nutrition and Food #624

Course description: During the first term students will learn about nutrition and food preparation. The principles of food preparation and safety will be discussed and demonstrated. Experiments with food will also be performed. Students will be evaluating their diets at the beginning of the course. Students will also be involved in a menu planning project to be completed with a partner.

During the second term students will apply principles of nutrition and food preparation. The principles of food preservation will be discussed and demonstrated. Experiments with food will also be performed. Students will be covering yeast breads, beef, pork, poultry, seafood, and ethnic foods. Students will be presenting a demonstration and comparison of a kitchen appliance. Students will also be creating restaurant menus with a partner.

Elective

Grades 10, 11, 12

Length of course: 2 terms

### Child Development #623

Course description: This first part of this course focuses on preparing for parenthood. Decision making involved with becoming parents is first discussed. Also included will be discussions on parenting readiness and parenting decisions and practices. Reproduction and pregnancy along with prenatal care are a central focus in this course. Care and development of an infancy concludes the course. Simulated parenting and pregnancy experiences, by use of

the empathy belly and Baby Think It Over Infant Simulator, will lead to further understanding and appreciation of the responsibility involved with parenthood. Additionally, the class travels to a hospital to tour the delivery and neonatal units.

This second half of the course focuses on the development of children from the ages of birth to six. Physical, emotional, social, intellectual, and moral development of children will be studied. Discipline of children will also be covered. Special projects will include running a preschool, observing in a daycare, and observing and interacting with children. Students will be working with children of various ages throughout the course.

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

#### Housing and Interior Design #628

Course description: A study of architectural housing styles, furniture styles, and housing selection as it concerns the family during the stages of the family life cycle. Floor plans, furniture arrangement, elements and principles of design and their application to housing will be covered. Creation and design of a floor plan, sample board, and landscape will be required. Touring homes and construction sites is an additional activity. Offered every other year.

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

#### Adult Living and Career Education #629

Course Description: This is a two term course in which students learn about single and married living and issues that affect the family. Students will begin by learning about themselves, their values, and understanding the importance of family. Students study the advantages and disadvantages of being single and married. Students will learn about dating, mate selection, engagement, marriage, and marital adjustment by participating in a series of activities individually and with a partner. The course includes discussions on rape, dating violence, spousal abuse, divorce, and death. Students will learn about other aspects of living on their own including financial management, insurance, budgeting, using credit wisely, securing housing and renting.

Career Education is designed for the student who is uncertain about their future goals. This course will help make the transition from school to work easier and aid in making decisions about life after high school. Topics and experiences included in the course are: career assessments, job shadowing, exploring various fields of study, mock interview, practice in completing applications, letters of application, resume writing, exploration of the future opportunities for employment in one's field of interest, interpreting the paycheck and other fringe benefits, taxes, and others.

Elective  
Grades 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 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

## Business Law #633

Course description: Consumer Law offers students a basic understanding of the legal rights and responsibilities necessary to be informed and productive citizens, employees and employers, and consumers in our private enterprise economy. 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

## Accounting 1 #634

Course description: Accounting 1 provides students with instruction in the terminology and concepts of sole proprietorships, partnerships, 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, which includes spreadsheet activities. 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

Course description: Introduction of principles of debit and credit, recording of purchases and sale of merchandise and equipment, calculation and recording of interest and depreciation. Includes methods of determining inventory values, payroll procedures, and preparation of statements for a service and merchandising business.

Prerequisites: Accounting 1

May be taken for dual credit through NECC.

Elective

Grade 11, 12

Length of course: 2 terms

Business Tech #636

Course description: Business Procedures prepares students for employment in the technologically changing business environment. This advanced course integrates skills, concepts, and applications developed in other business classes to prepare students to enter the workplace as administrative support personnel.

Prerequisites: Computer Applications  
Elective  
Grade 11, 12  
Length of course: 2 terms

Personal Finance #642

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

Marketing #643

Course description: This course provides a sound foundation in the principles of economics and the fundamentals of marketing. The curriculum provides the foundation skills and knowledge in economics, communication skills, interpersonal skills, professional development, business, management, and entrepreneurship.

Elective  
Grades 10, 11, 12 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, presidential physical fitness testing, line dance, frisbee, volleyball, volleyball, 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, guest speakers, class discussion, group and dual activities, research papers, 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

Course description: This physical education class stresses the development of fitness, strength, flexibility, cardiovascular endurance, and coordination through a wide variety of activities. Physical education class will take place on Tuesday, Thursday, and Friday. Each physical education day is comprised of work on flexibility through various stretching exercises, strength through pushups 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, fishing, badminton, bowling, table tennis, pickle ball, super touch football, and soccer. Two days a week (Monday and Wednesday) 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: nutrition, sexually transmitted diseases, reproductive systems, reproduction, tobacco, alcohol and drugs.

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 is comprised 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: 1 term      May be repeated if passed. Does not apply to GPA.

# MUSIC

## Senior Choir #511, #514, #516, & #518

Course description: Senior Choir is an elective subject, available for students in grades 9-12. The course is available all four terms for five credits per term. Grades are not applicable to GPA. Failure prevents a student from enrolling in the course for another term. The primary emphasis is on the study of choral music, development of vocal skills, knowledge of music history and the technical aspects which have as an outcome public performance as an ensemble. Performances include Christmas Concert, Spring Concert, Conference Choral Clinic, Albion Choral Clinic, Dinner Theatre Performance, District Music Contest, and performances including popular music for civic and community organizations. Swing Choir is chosen from the Concert Choir by audition and performs for clinics, competitions, and community events.

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 #513, #515, #517, & #519

Course description: The Varsity Band is also 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, 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 #530, #531, #532, & #533

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

## Flagline

Flagline is the visual auxiliary unit that performs with the Marching Band. Students are selected through a competitive audition and are required to sign up for Marching Band for term 1. Credit is given for that term, but it does not apply to the GPA. No previous musical experience is required to be a member of the flagline.

Elective Grades 9, 10, 11, 12  
Length of course: 1 term May be repeated. 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.

# 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 computer 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 a 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

# DRAMA

## Drama #525

Course description: This course is designed to acquaint students with several aspects of theater, which will include theater history, character development, stage terminology, and stage movement. Then students will learn improvisation, character development, voice training, and stage design. Students will have the opportunity to analyze dramatic literature and direct classmates in performance. Special focus will be placed on the backstage elements of theater production including theater safety, set design and construction techniques, scene painting, properties, lighting, costume design, make-up techniques, stage management, and theater administration skills. Students will have hands-on lab instruction and work on technical projects. This course will have cross-curricular involvement with language arts, fine arts, industrial technology, social sciences, and mathematics.

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

## Theatre Production #526

Students will broaden their appreciation and understanding of theatre as a form of expression, art, discipline, literature, and history.

Theatre Production will focus intensively on acting styles and techniques, character development, directing, and performance of a production. Students will study and prepare projects involving scenery, costumes, publicity, properties, sound, lights, and makeup. All students will be required to direct a main stage production.

Even though this course is specifically titled "Theatre Production," many other avenues of theatre including history, literature, acting, criticism, interpretation, and technical theatre will be explored. A well rounded student of theatre must know much more than what is seen on stage.

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

## OTHERS

### 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 four and one half weeks in each of the following areas: Speech, Keyboarding, Social Skills, and Study Skills. Study Skills emphasizes students' learning styles, note taking, test taking, goal setting and familiarizing themselves with our library. Study Skills may be included as part of the other three areas if staffing is not available.

Required for 7th graders.

Length of course: four 4.5 week courses (2 terms) or three 6 week courses

#### Speech

Course description: In this class the students are exposed to the principles needed to create a speech, including writing outlines and learning about nonverbal communication. They will give three speeches - two informative and one persuasive.

Required for 7th graders.

Length of course: 4.5 weeks or 6 weeks

#### Social Skills

Course description: Social Skills uses the Boys Town Model of Social Skills to teach skills such as showing responsibility, team work, and peer pressure. Students also 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: 4.5 weeks or 6 weeks

#### 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: 4.5 weeks or 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, Art, and Spanish.

Required for 8th graders.

Length of course: four 4.5 week courses (2 terms)

#### 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

#### 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

#### 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

#### Art

Course description: Students will have the opportunity to experience a wide range of media and techniques. Art History will be implemented to enhance the understanding and appreciation of art. Projects will be designed to help student have success and enjoyment while completing an art work.

Required for 8th graders.

Length of course: 4.5 weeks

### Junior High Activities #900

Course description: Junior High Activities is a course in which students can explore fine arts and athletics. (See the descriptions that follow.) When the students are not participating in activities they attend the communications course.

Required for all 7th and 8th graders.

Length of course: 4 terms

### Junior High Band

Course description: The Junior High Band is a continuance 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, performing three times a year, however there is an introduction to Marching Band in the early fall and late spring.

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. This knowledge coupled with what is now a more mature voice, will produce enhanced vocal capabilities and confidence culminating in a public performance as an ensemble. Performances include Christmas Concert, Spring Concert and Junior High Choral clinic. Chamber Choir members are chosen by audition from this group. They practice on Mondays at 4:00 P.M. and perform for concerts and community functions.

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.

### Junior High Communications

Course description: The curriculum for Junior High Communications is based on the development of the five basic language skills: reading, writing, speaking, listening, and thinking. The course includes units of speech, drama, novels, and creative writing. The development of reading comprehension, reading speed, vocabulary building, encoding and decoding skills is emphasized.

Required for 7th and 8th graders who do not participate activities.

Length of course: meets concurrently with the Junior High activities.

## 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: 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: 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: 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: 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 Civics/Economics (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: 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: 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

Lifeskills 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

Lifeskills 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