

Business/Office Education

(Graduation Requirements – 1 credit)

REQUIRED CLASSES

Computer Technology

Prerequisite: Keyboarding

Grade: 10

Status: Required for Admissions to a Regents College
1 credit

Course Description: Students learn to use and integrate advanced features of word processing, spreadsheet, publications, database, and multimedia presentation software using Microsoft Office. Students also learn proper e-mail and Internet skills and develop an understanding of social and ethical issues in computing. The course goal is to make the student competent in the use of current business applications software. *(Career and Tech)*

ELECTIVE CLASSES

Personal Finance

Prerequisite: None

Grade: 9 – 12

Status: ½ credit

Course Description: This class is an introduction to the problems of personal financial asset management, including income and expense budgeting. Emphasis is also placed on consumer credit, insurance, investments, home ownership, and taxation.

Computer Applications (IHT) and Advanced Computer Applications (IHT)

Prerequisite: Computer Technology

Grade: 11-12

Status: 1 credit per class

Dual Credit Option*

Course Description: The majority of student assignments include live production work that simulates a business environment and allows students to apply skills, knowledge, and attitudes that accompany working in a business setting. Live production work is solicited from the community and the school district with over 51% coming from the community. The work includes business cards, programs, invitations, calendars, flyers, directories, and other types of printed documents. *(Career and Tech)*

Accounting I

Prerequisite: None

Grade: 11-12

Status: 1 credit

Dual Credit Option*

Course Description: Students will learn the basic accounting procedures used to operate a business. Principles include journalizing transactions, posting to appropriate ledgers, preparing financial statements and worksheets, adjusting and closing entries, payroll accounting, recording sales and purchases, uncollectible accounts, plant assets and depreciation, notes and interest, and dividends. Extensive use of spreadsheet applications is included. Goal of course is to make students competent in the basic procedures of accounting. *(Career and Tech)*

Computerized Accounting II

Prerequisite: Accounting I

Grade: 12

Status: 1 credit

Course Description: Students will apply previous accounting knowledge using automated accounting systems and expand their knowledge of corporate accounting. *(Career and Tech)*

Multimedia Presentation

Prerequisite: None

Grade: 11 - 12

Status: 1 credit

Dual Credit Option*

Course Description: Multimedia Presentation is designed to help the student learn how to create presentations using Multimedia technologies. Digital and video presentations can include graphics, photos, captured video, music, sound effects, animation, and digital photographs. A comprehensive project is completed after each major unit.

**Dual Credit classes can only be offered if the teacher is certified by NCCC.*

Construction Trades

ELECTIVE CLASSES

Introduction to Woods

Prerequisite: none

Grade: 9 –10 or consent of the instructor

Status: 1 credit

Course Description: Introduction to Woods introduces students to the basic tools, machines, processes, materials, procedures, and planning involved in working with woods. The course includes classroom study along with laboratory experiences in making wood products.

Cabinet Making

Prerequisite: Intro to Woods or equivalent and/or instructor's approval

Grade: 10 - 12

Status: 1 credit, also can be used for **Fine Arts** graduation requirement

Course Description: The cabinet making student will: 1) demonstrate increased proficiency in the safe use of the wood processing machines; 2) develop and follow a complete set of plans in constructing a major cabinet construction piece of furniture; 3) identify and discriminate between various cabinetmaking terms, exotic woods, hardware, and finishing materials; 4) maintain the tools and machines, including sharpening, adjusting and cleaning; 5) identify and discriminate between various types and methods of cabinet construction; 6) discriminate between various styles and quality of furniture; 7) exhibit desirable work and interpersonal relationships; and 8) increase his-her knowledge of related occupational information. *(Career and Tech)*

Vocational Carpentry I

Prerequisite: Introduction to Woods

Grade: 11 or consent of the instructor

Status: 3 credits

Course Description: This course for juniors is designed to prepare students for entry-level employment in the various building trades. This course is designed to provide students with hands-on experience in the construction of a custom home. It would be helpful to the students who plan an occupation in the building trades, but also teaches skills necessary to tackle many maintenance tasks common to homeownership. The course will include, but not limited to, experience in rough carpentry, roofing, siding, insulation, drywall, painting, staining, and finish carpentry. The home may be built anywhere in the school district and transportation to the site will be provided. *(Career and Tech)*

Vocational Carpentry II

Prerequisite: Intro to Woods

Grade: 12

Status: 3 hours

Course Description: This course for seniors is designed to prepare students for entry-level employment in the various building trades. This course is designed to provide students with hand-on experience in the construction of a custom home. It would be helpful to the students who plan an occupation in the building of trades, but also teaches skills necessary to tackle many maintenance tasks common to homeownership. This course will include, but not be limited to, experience in rough carpentry, roofing, siding, insulation, drywall, painting, staining, and finish carpentry. The home may be built anywhere in the school district and transportation to the site will be provided. (*Career and Tech*)

Family and Consumer Science

ELECTIVE CLASSES

Introduction to Family and Consumer Science (Intro to FACS)

Prerequisite: None

Grade: 9-12

Status: 1 credit

Course Description: A comprehensive study of: relationships, goal setting, consumerism, nutrition and health, and creation. Hands-on activities as well as text study emphasize units of this class.

Nutrition and Wellness

Prerequisite: Intro to FACS

Grade: 10-12

Status: 1 credit

Course Description: Student will look at all aspects of wellness as it relates to the health of individuals. Emphasis is on nutrition and choices throughout the life cycle. Catering, consumerism, and lab experiences are part of the workplace hands-on activities. *(Career and Tech)*

Resource Management

Prerequisite: None

Grade: 10-12

Status: 1 credit

Course Description: Student will study concepts relating to living independently such as management of budget resources of fixed, variable, and set-aside expenses. Lab activities help the student relate to the employment world and balancing resources. *(Career and Tech)*

Family Living

Prerequisite: None

Grade: 11-12

Status: ½ credit

Course Description: Students explore types of families, roles and responsibilities in regard to communication about balancing work and family, handling child care responsibilities, consumerism, and working with young learners. The hands-on lab work includes creating lesson plans and working hands-on with children. *(Career and Tech)*

Occupational Child Care

Prerequisite: Family Living

Grade: 11-12

Status: ½ credit

Course Description: Students will learn about different types and workings of day care facilities for enriching young children. Handling of challenges within the facility and with families is covered. Lab work would include creating and teaching age-appropriate themed lessons. (*Career and Tech*)

Child Care Careers

Prerequisite: Family Living and Occupational Child Care

Grade: 11-12

Status: ½ credit per semester up to 1 full credit (year long)

Course Description: Student will be working daily (approximately forty-eight minutes) with young children on age-appropriate learning concepts under a lead teacher. Student will keep a daily log indicating time worked, activities done, and challenges met. Student will create and teach one daily concept each month with a pre-approved lesson plan. (*Career and Tech*)

Fine Arts

(Graduation Requirements – 1 credit)

ELECTIVE CLASSES

Must select at least one credit from the following to meet graduation requirements.

Introduction to Visual Arts

Prerequisite: None

Grade: 9-12

Status: 1/2 credit

Course Description: This semester course will give students the opportunity to explore a variety of media and techniques and apply their discoveries to their own works of art. Students will learn the history of art and artists and develop projects that are influenced by past and current artists while making personal choices for individual expression. Students will build an awareness of aesthetics and apply the Elements of Art and Principles of Design to their creations and learn to evaluate and critique the merit of their work and the works of others. Students will discover and understand the influence visual arts have had on society through the ages.

Drawing, Painting, and Design I and II

Prerequisite: Introduction to Visual Arts

Grade: 10-12

Status: 1 credit

Course Description: Students will expand their design skills by applying the Elements and Principles of Design to their work. The fundamentals of drawing, painting, and design will be taught using a variety of tools, which may include pencil, charcoal, colored pencil, scratchboard, linoleum block prints, acrylic paint, watercolors, etc. An emphasis will be placed on developing observational and drawing skills. Keeping a sketchbook will be required. As with all art classes, students will study art history, aesthetics, and criticism.

Advanced Art

Prerequisite: Drawing, Painting, and Design or consent of instructor

Grade: 10-12

Status: 1 credit

Course Description: This class is an extension of Drawing, Painting, and Design where students will build on a previous knowledge and work with more advanced concepts. A variety of media will be used. Keeping a sketchbook will be required. Students with advanced objectives in art will create a portfolio of work.

Ceramics I

Prerequisite: Introduction to Visual Arts

Grade: 10-12

Status: 1/2 credit

Course Description: This semester course will teach students the construction and firing of clay. Many hands-on techniques will be taught the first quarter; later in the year they will explore wheel throwing techniques as well as glazing concepts.

Ceramics II

Prerequisite: Ceramics I

Grade: 10-12

Status: 1 credit

Course Description: This course is designed for the students that have already taken Ceramics I to further their ability in the art of pottery. This is a fast paced production class. The course is 90% hands on and requires creativity and a great attitude.

Ceramics III

Prerequisite: Ceramics II

Grade: 11-12

Status: 1 credit

Course Description: The students in this class will come up with their own projects and present them to the teacher. The teacher and student will agree on the elements of the project and a timeline will be developed for its completion. Students in this course will also mentor lower level ceramics students.

Band

Prerequisite: None

Grade: 9-12

Status: 1 credit

Course Description: The Pomona High School Band is a non-auditioned ensemble consisting of 9th-12th grade students. The focus in the fall semester is marching band, although there is also a winter band concert. The spring semester is split between basketball pep band and concert band. This class can be repeated every year.

Choir

Prerequisite: None

Grade: 9-12

Status: 1 credit

Course Description: The Pomona High School Choir is a non-auditioned ensemble consisting of 9-12 grade students. Students will learn proper singing technique and perform both contemporary and traditional music. This group performs 5-8 times per year. This class can be repeated every year.

Beginning Guitar

Prerequisite: None

Grade: 10-12

Status: 1 credit

Course Description: Students will acquire a basic knowledge of guitar playing. In this class, students will learn to read music and play with proper technique as well as look at different styles of popular music. The student will be responsible for providing a guitar and book for the class. More advanced sections may be available next year.

Fine Arts in Other Areas

Cabinetmaking in Construction Trades, Creative Writing in Language Arts, & Graphic Design in Technology Initiative

Foreign Language

ELECTIVE CLASSES

Spanish I

Prerequisite: None

Grade: 9-12

Status: 1 credit

Course Description: Spanish I will focus on the skills of reading, writing, listening, speaking, and becoming culturally aware. The focus is to be able to communicate.

Spanish II

Prerequisite: Spanish I

Grade: 10-12

Status: 1 credit

Course Description: Level II students are distinguished from Level I students by their advanced ability to create and express their own thoughts both in speaking and writing. They are able to understand short conversations and to read and write simple paragraphs. They read various materials according to their interest and maturity.

Spanish III

Prerequisite: Spanish I and Spanish II

Grade: 11 - 12

Status: 1 credit

Dual Credit Option*

Course Description: Level III students are distinguished from Level II students by their ability to participate in full and complex conversations. They are able to converse with others freely and write extensive paragraphs and short papers. They read with better comprehension. This class also provides a review of Spanish I and Spanish II.

French I

Prerequisite: None

Grade: 9-12

Status: 1 credit

Course Description: French I will focus on the skills of reading, writing, listening, speaking, and becoming culturally aware. The focus is to be able to communicate.

French II

Prerequisite: French I

Grade: 10-12

Status: 1 credit

Course Description: Level II Students are distinguished from Level I students by their greater ability to create and express their own thoughts both in speaking and writing. They are able to understand short conversations and to read and write simple paragraphs. They read various materials according to their interest and maturity.

French III

Prerequisite: French I and French II

Grade: 11-12

Status: 1 credit

Course Description: Level III students are distinguished from Level II students by their ability to participate in full and complex conversations. They are able to converse with others freely and write extensive paragraphs and short papers. They read with better comprehension. This class also provides a review of French I and French II.

**Dual Credit classes can only be offered if the teacher is certified by NCCC.*

Language Arts

(Graduation Requirements – 4 credits)

REQUIRED CLASSES

Freshmen English

Prerequisite: None

Grade: 9-12

Status: 1 credit

Course Description: This is an introductory course of English that provides students with a rounded curriculum of study in grammar, vocabulary, literature and writing skills. Emphasis is placed upon those areas that will be tested by standardized tests and upon those skills necessary to be successful in the more advanced English classes.

Sophomore English

Prerequisite: Freshman English

Grade: 10

Status: 1 credit

Course Description: This course is designed to focus student learning upon the elements of literature. Students will be exposed to various types of literature. Students will gain knowledge about the basic elements of literature, a review of basic mechanics, learn new vocabulary and use various reading strategies. Students will also look at oral communication through a unit that incorporates research, technical, persuasive, and expository speeches. Students will be required to read at least two novels, several short stories, poetry, and essays. The course finishes out the year with a classic Shakespearian play.

Junior English

Prerequisite: Freshman and Sophomore English

Grade: 11

Status: Does NOT meet Qualified Admissions to Regents Colleges
1 credit

Course Description: This course is designed to enhance a student's ability to write and comprehend literature. This course strives to encourage and strengthen areas of weakness in reading, writing, research, appreciation, and individualized learning.

Junior English Prep

Prerequisite: Freshman and Sophomore English

Grade: 11

Status: Recommended for College Bound Students,
Required for Admissions to a Regents College
1 credit

Course Description: This course is designed to help college bound students improve and develop proficient thinking, reading, and writing skills needed in higher education through the study of literature. Students will primarily achieve these skills through the study of and understanding of American Literature from the establishment and settling of America to contemporary society and the study of the change and development of society's ideas, attitudes, and structure through each era's predominant writers and thinkers.

Senior English

Prerequisite: Freshman and Sophomore English

Grade: 11

Status: Does NOT meet Qualified Admissions to Regents Colleges, 1 credit

Course Description: This course is designed to provide students with lifetime reading and writing skills. This course focuses in teaching professional skills i.e. resume building, public speaking, and writing. Students also engage in research, literature analysis, and reading enhancement.

Senior English Prep

Prerequisite: Freshman, Sophomore, and Junior English Prep credits Grade: **12**

Status: Recommended for College Bound Students,
Required for Admissions to a Regents College
1 credit

Dual Credit Option*

Course Description: This course is designed to help college bound students improve and develop proficient thinking, reading, and writing skills needed in higher education through the study of literature. Students will primarily achieve these skills through the study of and understanding of European Literature from the earliest known writing to contemporary society and the study of the change and development of society's ideas, attitudes, and structure through each era's predominant writers and thinkers.

ELECTIVE CLASSES

Creative Writing

Prerequisite: Freshman English

Grade: 10 -12

Status: 1/2 credit; Can be used for part of **Fine Arts** graduation credit

Course Description: The Creative Writing class introduces students to a variety of literary genres through both reading and writing. The goal of the class is to develop varied writing and reading techniques through extensive practice and study. Students discover their writing and reading skills by developing analytical/critical techniques and by applying them to each others' work as well as to the work of established writers. By working in a variety of genres and receiving feedback from the instructor and peers, it is hoped that students will: develop an understanding of quality writing that can be applied to other classes and potential careers.

Publications

Prerequisite: Permission of the instructor

Grade: 10-12

Status: 1 credit

Course Description: This course covers the basics of journalism and applies them to the production of a student newspaper, yearbook and new media including a news website. Students will learn skills in writing, editing, photography, publication design, advertising sales and promotions and publication management. First-year students will focus on basic writing, editing and photography skills while having opportunity to assist in the design of the website, newspaper and yearbook. Second-year students will focus on publication management as well as advanced writing, editing and design skills.

Reading Strategies

Prerequisite: Enrollment mandatory for students not Meeting Standards on KS Reading Assessments

Grade: 9 - 11

Status: 1 credit

Course Description: Reading Strategies is a course designed to assist students who are struggling to meet reading standards as identified by the Kansas State Board of Education. Enrollment in this course is mandatory for all students not scoring in the “Meets Standard” or higher category of the Kansas Reading Assessment. This course will count as a fourth graduation credit for Language Arts.

**Dual Credit classes can only be offered if the teacher is certified by NCCC.*

Mathematics

(Graduation Requirements – 3 credits)

Algebra A

Prerequisite: None

Grade: 9-11

Status: Does NOT meet Qualified Admissions to Regents Colleges
1 credit

Course Description: Algebra A is one of three entry-level classes for incoming freshman. Algebra A will cover the first half of Algebra I concepts in a year long class. It teaches mathematical concepts at a slower pace which allows more flexibility and provides more opportunity for hands-on activities and practical application.

Algebra B

Prerequisite: Algebra A

Grade: 10-12

Status: Does NOT meet Qualified Admissions to Regents Colleges
1 credit

Course Description: Algebra B will cover the second half of Algebra I concepts in a year long class. It teaches mathematical concepts at a slower pace which allows more flexibility and provides more opportunity for hands-on activities and practical application.

Math Strategies

Prerequisite: Enrollment mandatory for students not Meeting Standards on KS Math Assessments

Grade: 10 – 11

Status: Does NOT meet Qualified Admissions to Regents Colleges
1 credit

Course Description: Math Strategies is a course designed to assist students who are struggling to meet math standards as identified by the Kansas State board of Education. Enrollment in this course is mandatory for all students not scoring in the “Meets Standard” or higher category of the Kansas Math Assessment. This course will count as one math credit toward graduation.

Consumer Math

Prerequisite: 11 Graders –Either passed Math Strategies class or meet standards on KS Math Assessment Test

12 Graders - Any senior can take this class for a math credit

Grade: 11-12

Status: Does NOT meet Qualified Admissions to Regents Colleges
1 credit

Course Description: Consumer Mathematics is a full year elective designed for students who are interested in a course designed to develop and reinforce the applications of mathematics in today’s society. Students will investigate topics such as money management, banking, filing tax forms, real-life geometric applications, calculating net pay, budgeting expenses, making cost comparisons, buying and renting a home, and finding the cost of operating a motor vehicle. The goal of this course is to guide students in building a strong foundation in logical thinking and problem solving that will enable them to make good decisions in their daily lives.

Algebra I

Prerequisite: Pre-Algebra or Algebra A

Grade: 9

Status: This course could be used for Admissions to a Regents College.

1 credit

Course Description: Algebra I is one of three entry-level classes for incoming freshmen. The student needs to have taken Pre-Algebra as a prerequisite for this course. Algebra I covers the state standards on graphing, equations, equation of a line, geometry, statistics, etc. Algebra I is also the prerequisite for Geometry.

Geometry

Prerequisite: Algebra I

Grade: 9-12

Status: This course could be used for Admissions to a Regents College.

1 credit

Course Description: Geometry is one of three entry level classes for incoming freshman. Students must have passed Algebra I in order to be able to enroll in Geometry. Geometry covers most of the standards as Algebra I in addition to several standards on area, perimeter, surface area, volume, transformations, and other geometry state standards. Geometry is also a prerequisite for Algebra II.

Algebra II

Prerequisite: Geometry

Grade: 11-12

Status: This course could be used for Admissions to a Regents College.

1 credit

Course Descriptions: Algebra II is the third class in our Math Series. The Algebra II class begins with an Algebra Review and continues through all Advanced Algebra concepts and ends up with Trigonometry.

Advanced Math

Prerequisite: Algebra II

Grade: 11-12

Status: This course could be used for Admissions to a Regents College.

1 credit

Dual Credit Option*

Course Description: This class can also be taken as a 3-hour College Algebra credit. The year begins with advanced Algebraic techniques/skills and continues through Trigonometry and ends up with the beginning of Calculus.

Calculus

Prerequisite: Advanced Math

Grade: 11-12

Status: 1 credit

Dual Credit Option*

Course Description: Calculus is used for 5 hours of college credit. Calculus begins with Pre-Calculus and continues through to the beginning of Calculus II.

**Dual Credit classes can only be offered if the teacher is certified by NCCC.*

Physical Education

(Graduation Requirement – 1 credit)
Only one PE class can be taken per year.

REQUIRED CLASS

Health/Physical Education

Prerequisite: None

Grade: 9

Status: 1 credit

Course Description: The emphasis in Health will be to improve current health choices being made and to broaden the student's knowledge and application of all aspects of improving one's well being. The need to make positive changes in one's lifestyle now and throughout life will be the primary focus of the class.

Physical Education will be an introduction to other physical education classes. Students will participate in individual, group, and team activities. This will be done through weight training, cardiovascular exercise, and by engaging in assorted physical activities.

ELECTIVES

Personal Development

Prerequisite: Health/Physical Education

Grade: 10-12

Status: 1 credit

Course Description: The students will benefit from comprehensive weight training and physical fitness activities. Each class period will have an emphasis of either weight training, plyometric exercise or an active class activity. The Physical Education part of this course will reflect the need for regular physical activity in each student's life. Strength training, cardiovascular exercise, and active team sports will be taught throughout this course.

Advanced Physical Education

Prerequisite: Health/Physical Education & Personal Development

Grade: 11 - 12

Status: 1 credit

Course Description: An upper level course for students to experience a variety of fitness methods and activities. Indoor and outdoor exercise methods and activities will be included in this course.

Boys and Girls PE

Prerequisite: Health/Physical Education & Personal Development

Grade: 10 - 12

Status: 1 credit

Course Description: Focus for this class will be directed toward individual fitness activities. Various individual lifetime sports in a noncompetitive setting will also be included. Students will also work toward improving flexibility and body composition.

Science

(Graduation Requirements – 3 credits)

Physical Science

Prerequisite: Selection by science grades, test scores and recommendation

Grade: 9

Status: 1 credit

Course Description: This is an accelerated course primarily geared to freshmen who have shown a higher aptitude in the sciences. An introductory course presenting a general overview of the physical and chemical laws of nature. Laws of motion, energy, light, heat, magnetism and nuclear are of primary emphasis. Nomenclature, reaction types, and writing chemical equations are the primary emphasis of the chemistry part. Labs will be used to reinforce concepts presented.

Biology

Prerequisite: General Science or Physical Science

Grade: 10

Status: Required for Admissions to a Regents College 1 credit

Course Description: This course is designed to provide students with a study of the basic concepts associated with biology, the study of all living things. The science of biology involves the study of a wide variety of organisms, but yet the subject is unified by certain themes that come into play no matter what organism or what kind of interaction is being studied. These themes include cell structure and function; stability and homeostasis; reproduction and inheritance; evolution; interdependence of organisms; and matter, energy, and organization. Classroom activities will include class discussions, problem-solving activities, individual research, and cooperative learning opportunities.

Environmental Science

Prerequisite: Biology

Grade: 11

Status: 1 credit

Course Description: This is a course that can be used for the third required science class. It focuses on the interaction between biology and the nonliving sciences. It also discusses the biological processes of the human impact on the living world.

Biology II

Prerequisite: Biology

Grade: 11-12

Status: Recommended for College Bound Students,

One possibility for the required 3 courses for Admissions to a Regents College
1 credit

Course Description: An extension of the basic sophomore Biology class, this class provides students with an advance study. It primarily focuses on the Kingdoms, Dissection, Ecology, and Environmental Science. The second semester is Human Anatomy. It explores the human body and environmental factors that affect the human species.

Chemistry

Prerequisite: Algebra II and Biology

Grade: 11 –1 2

Status: Recommended for College Bound Students,
Required for Admissions to a Regents College
1 credit

Dual Credit Option*

Course Description: To explore the chemical laws of nature. Main topics covered are electron structure, periodic table, bonding, chemical reactions, stoichiometry, acids/bases and redox. The students will realize that chemistry is a broad science that touches nearly every aspect of human life. Labs are an intricate part of the course. This course is open primarily to juniors and seniors who have successfully completed Algebra II and Biology.

Physics

Prerequisite: Algebra II, Biology and Chemistry

Grade: 11-12

Status: Recommended for College Bound Students,
One possibility for the required 3 courses for Admissions to a Regents College
1 credit

Course Description: To explore the physical laws of nature with emphasis on Newtonian physics. Topics include motion, momentum, energy, heat, light, electricity, magnetism and nuclear. Through the various assignments and activities, the students will realize that we are all surrounded by the principles of physics in our everyday lives.

Labs will be an intricate part of the course and used to reinforce understanding of the concepts presented. This class is open primarily to seniors who have successfully completed Algebra II and Biology. Juniors may take Physics with teacher/administrative approval.

Science in Other Areas

Animal Science and Plant and Soil in Vocational Agriculture

**Dual Credit classes can only be offered if the teacher is certified by NCCC.*

Social Studies

(Graduation Requirement – 3 credits)

REQUIRED CLASSES

World History

Prerequisite: None

Grade: 10

Status: This course could be used for Admissions to a Regents College.
1 credit

Course Description: This course will examine the history of the world from the Renaissance to the late twentieth century. The focus of the class will be on the rise of European nations, as well as developments in society, science, technology, religion, and culture. The purpose of the course is to provide a comprehensive examination of where Western civilization began and its development and impact on the world.

American History

Prerequisite: None

Grade: 11

Status: Required for Admissions to a Regents College
1 credit

Dual Credit Option*

Course Description: This class is a study of key people, events and issues of American history. Emphasis is placed upon issues that have shaped the nation we live in today. A brief study of pre-Civil War history is covered, but the remaining focus of the class is the study of post Civil War America.

American Government

Prerequisite: None

Grade: 12

Status: Required for Admissions to a Regents College
1 credit

Dual Credit Option*

Course Description: This course will examine the history of government and the creation and development of the US federal system. The course is designed to give an in-depth look at the US political arena as well as its history. The course will primarily focus on the US Constitution, its provisions, restrictions, and how it has evolved. The course will also discuss key court cases, formation of policy, and the role of the United States on the international stage. In addition, there will be an examination of other forms of government among European powers, as well as the lasting impact of specific political scientists.

ELECTIVE CLASSES

Psychology

Prerequisite: None

Grade: 11-12

Status: This course could be used for Admissions to a Regents College.

Dual Credit Option*

Course Description: Psychology is the study of the individual. A study of the human behavior and personality development considers the problems, experiences and potentials of behavior and thinking of individuals.

Sociology

Prerequisite: None

Grade: 11-12

Status: This course could be used for Admissions to a Regents College. ½ credit

Dual Credit Option*

Course Description: One semester of the Economics/Sociology credit. The principles and concepts of sociology and the study of society will be the major emphasis. Special notation of the American social system and the experiences of adolescents will be studied. Topics such as child development, psychology, social psychology, family life, economics, government and cultural anthropology will be included.

Economics

Prerequisite: None

Grade: 11-12

Status: This course could be used for Admissions to a Regents College. ½ credit

Dual Credit Option*

Course Description: One semester of the Economics/Sociology credit. Macroeconomics: A study of the performance and indicators of the American economy. It includes an examination of the following principles of economics: 1) money and banking system, 2) economic principles, and 3) employment indicators. Also includes analysis of various economic indicators.

Current Events

Prerequisite: None

Grade: 9 - 12

Status: Does NOT meet Qualified Admissions to Regents Colleges
½ credit

Course Description: Current Events places emphasis on a study of the people and events that are shaping our world today, with special consideration given to events in Kansas that have a regional, national or international aspect.

Principles of Leadership

Prerequisite: None

Grade: 10 - 12

Status: ½ credit

Course Description: Through in-depth reviews of books, activities, and films, students will have an opportunity to apply the ideas and ideals from several philosophies in developing and expanding their own views of leadership. Students will compare, contrast and apply the foundations they develop to current and future leadership concepts, both in the academic and business setting. Students are also expected to take an active role in school leadership, especially with regards to Renaissance, Student's Council and the various school organizations.

**Dual Credit classes can only be offered if the teacher is certified by NCCC.*

Technology Initiative

ELECTIVE CLASSES

Graphic Design

Prerequisite: None

Grade: 10-12

Status: 1 credit

Course Description: In this course, students will apply art concepts using technology tools. They will use industry-standard software programs such as Adobe Photoshop and Macromedia Flash. Students will study basic design elements and principles and will apply them to a wide variety of projects for themselves, the school and the community. These projects include programs, greeting cards, logos, magazine covers, posters, web page graphics, digital animations, t-shirts, digital collages, and many others. (*Career and Tech*)

Advanced Graphic Design

Prerequisite: Graphic Design

Grade: 10-12

Status: 1 credit

Course Description: Advanced Graphic Design builds on the skills and concepts learned in Graphic Design. Students in this course will do advanced projects and often work independently. In Advanced Graphic Design, students will do in-depth projects using Adobe Photoshop and Macromedia Flash. They will also utilize Adobe Illustrator and explore other graphics and video game development software. Advanced Graphic Design students will also complete a portfolio of their work. (*Career and Tech*)

Web Publishing and Design

Prerequisite: None

Grade: 10 – 12

Status: 1 credit

Course Description: Web Publishing (& Design) is a course designed to cover the basics of designing and creating web pages. Students will learn HTML and Macromedia Dreamweaver software as well as working with Photoshop to edit and manipulate images. Students in this course will be responsible for updating the WFHS web site as well as completing projects for personal and community use.

Advanced Web Publishing and Design

Prerequisite: Web Publishing and Design

Status: 1 credit

Course Description: The Advanced Web Publishing (& Design) course is a continuation of the Web Publishing (& Design) course. Students in this course will learn advanced techniques using Dreamweaver and Photoshop software as well as using Flash to incorporate multimedia into web pages. Students in this course will work independently as well as with other students on the WFHS web site and will complete projects for various community organizations and businesses.

Technology Lab IV

Prerequisite: None

Grade: 12

Status: 1 credit

Course Description: Students in Tech Lab IV will complete similar projects and units to those in Tech Lab III but on a more advanced level. Students in this course will complete various units including engineering, design, video production, problem-solving, multimedia, and a Rube Goldberg project. Tech Lab IV students will also attend at least one engineering/design competition and will be required to complete a senior project. (*Career and Tech*)

Vocational Agriculture

ELECTIVES

Introduction to Agriculture

Prerequisite: None

Grade: 9 - 12

Status: 1 credit

Course Description: This year long course offers an introduction to all major phases of agriculture (i.e. Animal Science, Plant/Soil Science, Horticulture, Ag Mechanization, Ag Processing, Agribusiness and Sales, Veterinary Science, and Leadership and Personal Development). FFA is introduced and each student selects and implements a Supervised Agricultural Experience program and begins a record book. The primary aim of this course is an introduction to a variety of agricultural career opportunities.

Plant and Soil Science

Prerequisite: Introduction to Agriculture

Grade: 10 - 12

Status: 1 credit

Course Description: Completion of this full year class will provide students with an in-depth look at plant physiology, fertilizer/chemical analysis, plant growth and reproduction, soil properties/formation, field crop management, and grain marketing and analysis. Careers explored in this area include: field scout/crop consultant, agronomist, agriculture chemical, fertilizer/chemical specialist, conservationist, and production agriculture. Lab activities will be used to investigate plant and soil properties, and basic biology concepts in an agriculture application. *(Career and Tech)*

Animal Science

Prerequisite: Introduction to Agriculture

Grade: 10 - 12

Status: 1 credit

Course Description: This one-year course offers an introduction to animal agriculture and will investigate careers such as animal breeder, veterinary science, nutritionist, meat specialist, feed sales representative, animal marketing and additional related fields. The emphasis will be given in the areas of: handling, breeding, aqua culture, feeding/nutrition, facilities, species, breeds, pasture management, and marketing. Biology concepts will be integrated along with traditional classroom/laboratory instruction. Units will be reinforced by field trips and exploratory activities. *(Career and Tech)*

Agriculture Mechanics

Prerequisite: Two years of agriculture classes

Grade: 11-12

Status: 1 credit

Course Description: This one year course serves as an introduction to agricultural mechanization and current trends in technology. Instructional areas consist of lab safety, hydraulics, power equipment operation and maintenance, material selection, agriculture structures, farmstead planning, and welding. Careers in this area include equipment maintenance, agricultural mechanic, and production agriculture. (*Career and Tech*)

Agriculture Communications

Prerequisite: Three years of agriculture classes or consent of instructor

Grade: 11 -12

Status: 1 credit

Course Description: The purpose of this course is to assist students in developing their knowledge, attitudes, skills and aspirations regarding leadership development in an agricultural setting and provide them with the beginning foundation for any setting. Students are in charge of organizational and school activities, and are responsible for the successful organization, conduction, and evaluation of the activities. In addition, high priority will fall and rest on studying for contests and making sure, we as a local chapter, are ready for each contest. (*Career and Tech*)