

## **Description of Courses at Kirby High School**

### **Accounting I**

Credit: 1

Grade Level: 10, 11, 12

Pre-requisites: None

Accounting I introduces concepts and principles based on a double-entry system of maintaining the financial records of a sole proprietorship, partnership, and corporation. It includes analyzing business transactions, journalizing, posting and preparing worksheets and financial statements.

### **Accounting II**

Credit: 1

Grade Level: 11, 12

Pre-requisites: Accounting I

Accounting II is an advanced study of concepts, principles, and techniques used in keeping the financial records of a sole proprietorship, partnership, and corporation. Departmental, management, cost, and not-for-profit accounting systems are explored.

### **Acting for the Stage**

Credit: 1

Grade Level: 9, 10, 11, 12

Pre-requisites: Introduction to Performing Arts

Acting for the Stage is a course designed to teach students through performances the various techniques used in the creation and presentation of a character for the stage. Proper use of voice, the body, and other elements (costume, make-up, etc.) are explored. Students will learn the principles of writing scripts, acting, movement, and practical stage terminology during the first semester and will concentrate on performance quality during the second semester. Second semester students will also be required to assemble a portfolio (photo and/or video) for acting roles.

### **Adult Living**

Credit: 1

Grade Level: 11, 12

Pre-requisites: None

Adult Living is designed to empower students to take action for the well-being of themselves and others as they effectively manage the roles and responsibilities created by family, career, and community interactions. Focusing on the young adult, content includes skills and knowledge to enable students to maintain an optimum living environment by making responsible young adult decisions. Students will learn to plan and set goals for a career, manage multiple roles, maintain respectful and caring relationships with improved communication skills, understand the responsibilities of parenting, cope with stress and crisis situations, provide for health and well-being, and function as informed consumers.

### **African American Literature**

Credit: 1

Grade Level:

Pre-requisites:

African American Literature allows students to earn one-half credit toward a major in English. African American Literature is a chronological study of literature written by African Americans from the mid-1800s to the present with an emphasis upon theme, genre, comparisons to writings by other ethnic groups and the social and the cultural history of the works studied. The minimum requirements of the course are (1) a demonstrated comprehensive knowledge of the lives and literary contributions of selected African Americans author; (2) a well-documented research paper that uses at least one book-length selection as a

resource; (3) contributions to class discussion; and (4) independent reading.

### **Agric Mech & Maint I**

Credit: 1

Grade Level: 10, 11, 12

Pre-requisites:

### **Agriculture Science I**

Credit: 1

Grade Level: 9, 10, 11, 12

Pre-requisites: None

Agriculture Science I is an elective course designed for first year students enrolled in vocational agriculture. This course provides a broad background in animal science, plant science, agriculture mechanics, and leadership training through the Future Farmers of America organization, which is an integral part of the instructional program.

### **Agriculture Science-Floriculture**

Credit: 1

Grade Level: 10, 11, 12

Pre-requisites: Greenhouse Management

This course focuses on the maintenance of the greenhouse, schedule the planting of greenhouse crops, and oversee the orchard, and garden area. Emphasis is placed on the study of turf grass management and nursery operations.

### **Agriculture Science-Greenhouse Management**

Credit: 1

Grade Level: 9, 10, 11

Pre-requisites: None

This course focuses on the study of greenhouse management along with raising of all greenhouse crops grown for sale. Emphasis is placed on small fruit and vegetable productions and the floriculture industry. Participation in greenhouse work and small orchard area is important in this course.

### **Algebra I**

Credit: 1

Grade Level: 9, 10, 11, 12

Pre-requisites: None

Algebra I is the foundation course for all higher mathematics courses and is valuable and necessary for all students. Most college and university admission requirements include Algebra I. Algebra I students will be involved in solving problems that arise from real-world settings and contexts and using the language of algebra to find and interpret solutions. Development of conceptual understanding of number sense, pattern recognition, proportionality, multiple representation, variable, equality and inequality, functions and dependency, and data analysis are all included in the instruction of Algebra I for deepening understanding and mathematical thinking. If Algebra I is taken at the eighth grade level, it may be applicable as one of the mathematics units required for graduation, providing students meet the criteria for such credit. Students enrolled in Algebra I are required to take an Algebra I end-of-course test administered as part of the Tennessee Comprehensive Assessment Program (TCAP). As of the 2001-02 school year, a revised Algebra I end-of-course test will be a Gateway Test. Tennessee students who entered the seventh grade in the 1999-2000 school year will have to pass three Gateway tests (Algebra I, English 10, and Biology) as a part of the requirements for obtaining a high school diploma.

### **Algebra I-A**

Credit: 1

Grade Level: 9

Pre-requisites: Elective credit (Teacher Recommendation)

Algebra I is the foundation course for all higher mathematics courses and is valuable and necessary for all students. Most college and university admission requirements include Algebra I. Algebra I students will be involved in solving problems that arise from real-world settings and contexts and using the language of algebra to find and interpret solutions. Development of conceptual understanding of number sense, pattern recognition, proportionality, multiple representation, variable, equality and inequality, functions and dependency, and data analysis are all included in the instruction of Algebra I for deepening understanding and mathematic thinking. If Algebra I is taken at the eighth grade level, it may be applicable as one of the mathematics units required for graduation, providing students meet the criteria for such credit. Students enrolled in Algebra I are required to take an Algebra I end-of-course test administered as part of the Tennessee Comprehensive Assessment Program (TCAP). As of the 2001-02 school year, a revised Algebra I end-of-course test will be a Gateway Test. Tennessee students who entered the seventh grade in the 1999-2000 school year will have to pass three Gateway tests (Algebra I, English 10, and Biology) as a part of the requirements for obtaining a high school diploma.

### **Algebra I-B**

Credit: 1

Grade Level: 10, 11, 12

Pre-requisites: Algebra I-A

Algebra I is the foundation course for all higher mathematics courses and is valuable and necessary for all students. Most college and university admission requirements include Algebra I. Algebra I students will be involved in solving problems that arise from real-world settings and contexts and using the language of algebra to find and interpret solutions. Development of conceptual understanding of number sense, pattern recognition, proportionality, multiple representation, variable, equality and inequality, functions and dependency, and data analysis are all included in the instruction of Algebra I for deepening understanding and mathematic thinking. If Algebra I is taken at the eighth grade level, it may be applicable as one of the mathematics units required for graduation, providing students meet the criteria for such credit. Students enrolled in Algebra I are required to take an Algebra I end-of-course test administered as part of the Tennessee Comprehensive Assessment Program (TCAP). As of the 2001-02 school year, a revised Algebra I end-of-course test will be a Gateway Test. Tennessee students who entered the seventh grade in the 1999-2000 school year will have to pass three Gateway tests (Algebra I, English 10, and Biology) as a part of the requirements for obtaining a high school diploma.

### **Algebra II**

Credit: 1

Grade Level: 9, 10, 11, 12

Pre-requisites: Algebra I

Algebra II is an extension of study of the topics and concepts developed in Algebra I. Emphasis is placed on quadratic functions, matrices, exponential and logarithmic functions, the structure of number systems, data analysis, and probability. Instruction in this course centers on the use of real-world problems to demonstrate how other disciplines use algebra to model real phenomena. Extensive use of graphing calculator and computer technology in Algebra II means that there will be decreased emphasis on logarithmic calculations using tables and interpolation, on solving systems of equations by using determinants, and on conic sections.

### **Algebra II HONORS**

Credit: 1

Grade Level: 9, 10, 11, 12

Pre-requisites: Algebra I

Algebra II is an extension of study of the topics and concepts developed in Algebra I. Emphasis is placed on quadratic functions, matrices, exponential and logarithmic functions, the structure of number systems, data analysis, and probability. Instruction in this course centers on the use of real-world problems to demonstrate how other disciplines use algebra to model real phenomena. Extensive use of graphing calculator and computer technology in Algebra II means that there will be decreased emphasis on logarithmic calculations using tables and interpolation, on solving systems of equations by using determinants, and on conic sections.

### **Anatomy and Physiology**

Credit: 1

Grade Level: 11, 12

Pre-requisites: Biology

Anatomy and Physiology is the study of the body's structure and respective functions at the molecular/biochemical, cellular, tissue, organ, systemic, and organism levels. Students explore the body through laboratory investigations, models, diagrams, and/or comparative studies of the anatomy of other organisms. The study of anatomy and physiology prepares students for a variety of pursuits such as health care, sports, and fitness careers, as well as for taking an active part in their own health and wellness. The student will study: anatomical orientation; protection, support, and movement; integration and regulation; transportation; absorption and excretion; and reproduction, growth, and development.

### **Art History**

Credit: .5

Grade Level:

Pre-requisites:

This course is designed as an introduction for all students who wish to have an understanding and appreciation for works of art. Previous art training is not required. Emphasis will be placed on instilling art awareness in both producers and consumers of art. Some basic studio art projects will be taught in relation to the art history lessons. This course is offered for two semesters. Students may take either or both semesters. The first semester of this course provides a survey of world art from prehistoric times to the middle of the eighteenth century. The second semester provides a survey of world art from the late eighteenth century to the art of the present day.

### **Biology AP**

Credit: 1

Grade Level: 11

Pre-requisites: Biology I

University Level Biology. Upon successful completion students will have earned a college credit for Biology.

### **Biology I**

Credit: 1

Grade Level: 10, 11, 12

Pre-requisites: General Science

Biology is a laboratory-based course, which includes the study of living things and their structures, functions and interactions with the environment. Scientific processes are emphasized through laboratory, library and field experiences. The course provides students with opportunities to learn of careers in fields related to Biology. Through technology, classroom and laboratory methods, students investigate the chemical basis of life; diversity and change; cell structure and function; genetics and biotechnology; reproduction and development, and ecology. No student may receive science credit toward graduation for both Biology and Biology for Technology I. If both courses are taken, elective credit will be awarded for one of the two courses.

### **Biology I HONORS**

Credit: 1

Grade Level: 10, 11, 12

Pre-requisites: Teacher Recommendation, General Science

Biology is a laboratory-based course, which includes the study of living things and their structures, functions and interactions with the environment. Scientific processes are emphasized through laboratory, library and field experiences. The course provides students with opportunities to learn of careers in fields related to Biology. Through technology, classroom and laboratory methods, students investigate the chemical basis of life; diversity and change; cell structure and function; genetics and biotechnology; reproduction and development, and ecology. No student may receive science credit toward graduation for both Biology and Biology for Technology I. If both courses are taken, elective credit will be awarded for one of the two courses.

### **Business Economics**

Credit: .5

Grade Level: 11, 12

Pre-requisites: None

This course provides an in-depth study of fundamental concepts, free enterprise trading practices and the various players in the economic system. Topics include the production, marketing and distribution of goods and services, as well as the roles of financial institutions, the government and the individual within the free enterprise system. Students will explore various careers related to the economy. (International trade and economics have become an integral part of Business Economics)

### **Business-American Business/Legal Systems**

Credit: .5

Grade Level: 11, 12

Pre-requisites:

The study of American Business Legal Systems exists to provide students an understanding of the legal framework in which American Business functions. The combination of the free enterprise system in a democratic society at all levels influences one's daily decisions. Students will analyze the alliance between the decisions of tomorrow in the public and private sector of the United States of America. American Business Legal Systems substitutes American Government.

### **Business-Principles of Business**

Credit: .5

Grade Level: 10, 11, 12

Pre-requisites: None

The student will learn skills necessary in problem solving for business and personal economic situations. The course focuses on learning business concepts for work and individual use, such as budgeting, income protection, and financial planning and implementation. Students will analyze the elements of business environments, how business success impacts their own personal success, and how their decisions as employees and citizens impact business success.

### **Calculus**

Credit: 1

Grade Level: 12

Pre-requisites: Pre-Cal

University Level Calculus. Upon successful completion students will have earned a college credit for Calculus.

### **Chemistry I**

Credit: 1

Grade Level: 10, 11, 12

Pre-requisites: Algebra I

Chemistry I is a laboratory-based course, which includes a study of the properties, composition, and behavior of matter. The nature of the atom, characteristics of elements, and chemical interactions are included in the course. Through technology, classroom and laboratory methods, students develop an operational understanding of chemistry and an awareness of the importance of chemistry in our lives.

### **Chemistry I HONORS**

Credit: 1

Grade Level: 10, 11, 12

Pre-requisites: Teacher Recommended, Algebra I

Chemistry I is a laboratory-based course, which includes a study of the properties, composition, and behavior of matter. The nature of the atom, characteristics of elements, and chemical interactions are included in the course. Through technology, classroom and laboratory methods, students develop an operational understanding of chemistry and an awareness of the importance of chemistry in our lives.

### **Chemistry of Cosmetology**

Credit: 2 hrs

Grade Level: 12

Pre-requisites: Design Principles of Cosmetology

This course prepares students to perform work-related services using chemicals in the cosmetology industry. Content provides students the opportunity to acquire foundation skills in both theory and practical applications. Laboratory facilities and experiences will be used to simulate cosmetology work experiences. Upon complete of 1500 hours, students are eligible to take the Tennessee State Board of Cosmetology examination for a Tennessee Cosmetology License. Upon completion of 600 hours, students are eligible to take the Tennessee State board of Cosmetology Manicuring examination for a Tennessee Manicuring License.

### **Computer Educ.-Database Design/Management**

Credit: .5

Grade Level: 10, 11, 12

Pre-requisites: Document Creation Design, Keyboarding Applications

The student will analyze and apply database design techniques and management method for organizing and maintaining files. At the completion of the course, students will have database management skills enabling them to design and implement a relational database application. Student proficiency will lead to software certification.

### **Computer Educ.-Document Creation Design**

Credit: .5

Grade Level: 10, 11, 12

Pre-requisites: Keyboarding and Keyboarding Applications

The student will use a hands-on approach to develop proficiency in document preparation. Emphasis is on production of business applications including design and layout, speed and accuracy. Concept, capabilities, procedures, and legal responsibilities of word and information processing are applied. Simulated and real projects from rough draft copy and/or transcription magnetic preparation. Student proficiency will lead to software certification.

### **Computer Educ.-Interactive Multimedia Design**

Credit: 1

Grade Level:

Pre-requisites:

This course is designed to give students experience with interactive multimedia. Students will design, write, and produce a computer-based multimedia project. Team development will also be stressed as students work on the project(s).

### **Computer Educ.-Spreadsheet Applications**

Credit: .5

Grade Level: 10, 11, 12

Pre-requisites: Keyboarding

Spreadsheet Applications is an electronic worksheet used to perform business calculations. This course will develop skills in designing worksheet, writing formulas, analyzing data, charting data and managing data.

### **Computer Productivity Applications**

Credit:

Grade Level:

Pre-requisites:

This course is designed to develop skills for applications needed requiring computer software. Emphasis is given to, but not limited to four major applications: word processing, database, spreadsheet and presentation design. Students will use the tools of the electronic desktop in completing applications. Skills developed will facilitate efficient production, accurate analysis, and management of information and oral and demonstrative presentation skills.

### **Consumer Economics**

Credit: .5

Grade Level: 10, 11, 12

Pre-requisites: None

Consumer Economics is a specialized course designed to prepare students to understand the United States economic system and how it affects individuals as consumers, producers, and citizens. Students will integrate knowledge, skills, and practices required for management of human, economic, and environmental resources in a technologically expanding global economy. Consumer practices and responsibilities are investigated and skills in planning for financial security are included in the content. Core skills in decision-making, problem solving, critical thinking, goal setting, management of multiple roles, and using technology are integrated into the course.

### **Cosmetology I**

Credit: 1

Grade Level: 10, 11

Pre-requisites: None

These courses will provide the basic cosmetology skills such as: manicuring, pedicuring, applying artificial nails, draping the patron, giving shampoos, using hair conditioners and rinses. Curriculum emphasizes technical information, proper work habits and work related attitudes. Advanced instruction in skills and knowledge prepares students for entry-level employment and prepares students for the State Board of Cosmetology Examination. Maximum credit to be earned is 9 units.

### **Cosmetology II**

Credit: 2

Grade Level: 11, 12

Pre-requisites: Cosmetology I, (500 hours minimum)

### **Cosmetology III**

Credit: 2

Grade Level: 12

Pre-requisites: Cosmetology III, (1000 hours minimum)

### **Creative Writing**

Credit: 1

Grade Level: 9, 10, 11, 12

Pre-requisites: None

This course will offer students the opportunity to exercise their imaginative and creative abilities as they explore diverse modes and genres of writing, both as writers and as critical evaluators of writing. A wide range of writing opportunities in description, exposition, persuasion, comparison/contrast and narration will be presented, thus giving students the tools necessary to write with uniqueness, coherence, clarity, and simplicity.

### **Design Principles of Cosmetology**

Credit: 2-3

Grade Level: 11, 12

Pre-requisites: Principles of Cosmetology

This course, which is the second level of cosmetology, prepares students for work-related skills and advancement into the Chemistry of Cosmetology course. Content provides students the opportunity to acquire knowledge and skills in both theory and practical application. Advanced knowledge and skills in hair design, nail artistry, and cosmetic applications will be enhanced in a laboratory setting, which duplicates cosmetology industry standards. Upon completion and acquisition of 600 hours, students are eligible to take the Tennessee Board of Cosmetology manicuring examination for a Tennessee Manicure License.

### **Desktop Publishing**

Credit: 1

Grade Level: 10, 11, 12

Pre-requisites: Keyboarding Applications

The student will develop skills in electronic publishing design, layout, composition, and paste up. Techniques will be applied in creating and formatting a variety of publications with imported data/graphics using resources such as the Internet, scanner, etc. The student will research and apply copyright laws, ethics and language arts skills with reference to electronic publishing.

### **Driver Education**

Credit: .5

Grade Level: 10, 11, 12

Pre-requisites: None

Driver Education is an elective course offered to students 15 years of age or older. Emphasis is placed on defensive driving, using classroom theory, simulation, and actual hands-on experience with the automobile to acquaint students with maneuvers from the very basic to those used in the most complex traffic environment.

### **Ecology**

Credit: 1

Grade Level: 12

Pre-requisites: Biology I

This course enables students to develop an understanding of the natural environment and the environmental problems the world faces. Students will investigate the following: Fundamental Ecological Principles; Human Population Dynamics, Natural Resources, Energy Sources and Their Uses, Human Interaction with the Environment, and Personal and Civic responsibility. It is the expectation that students will explore the content of Ecology through inquiry. This science course will utilize group lab and field experiences to meet these expectations. Particular emphasis will be placed on local environments. Students will develop a basic understanding of ecology as a basis for making ethical decisions and career choices.

### **Economics**

Credit: .5

Grade Level: 12

Pre-requisites: None

One-half unit of Economics is required for graduation from high school. The economic system of the United States is compared with other economic systems with emphasis on how each determines what is to be produced, who will produce goods and services, and how much, and how goods and services will be distributed. The law of supply and demand-its effects on wages, surplus, production, consumption and distribution-are explored. The role of finance in securing and managing capital, as well as the role of government in regulating business, is examined. Students are guided in a study of career opportunities and choices.

### **English I**

Credit: 1

Grade Level: 9

Pre-requisites: None

English I is designed to help students continue the mastery of essential literacy skills.Emphasis is placed on developing strategies for effective expression in speaking, writing and representing and for comprehension in listening, reading and viewing a variety of texts. Vocabulary, thinking and grammar instruction supports these processes. Authentic performances such as reading charts, maps and graphs, completing job applications and reading for pleasure are stressed. Literature involves students in a survey of multiple genres such as the short story, poetry, essay, drama, autobiography, biography and novel.

### **English I HONORS**

Credit: 1

Grade Level: 9

Pre-requisites: Teacher Recommendation

English I is designed to help students continue the mastery of essential literacy skills.Emphasis is placed on developing strategies for effective expression in speaking, writing and representing and for comprehension in listening, reading and viewing a variety of texts. Vocabulary, thinking and grammar instruction supports these processes. Authentic performances such as reading charts, maps and graphs, completing job applications and reading for pleasure are stressed. Literature involves students in a survey of multiple genres such as the short story, poetry, essay, drama, autobiography, biography and novel.

### **English II**

Credit: 1

Grade Level: 10

Pre-requisites: English I

English II is a course designed to continue the study, review and maintenance of basic literacy skills in reading and composition. The greater part of grammar and vocabulary instruction is based upon individual weaknesses evidence through writing and discussion. Extensive emphasis is devoted to the ongoing study of the writing process, beginning with experience-based writing and moving into formal compositions that include content reports and skeletal research papers. Literature involves students in a deeper examination of such genres as the short story, poetry, essay, drama, autobiography, biography and novel.

### **English II HONORS**

Credit: 1

Grade Level: 10

Pre-requisites: English I, Teacher Recommendation

English II is a course designed to continue the study, review and maintenance of basic literacy skills in reading and composition. The greater part of grammar and vocabulary instruction is based upon individual weaknesses evidenced through writing and discussion. Extensive emphasis is devoted to the ongoing study of the writing process, beginning with experience-based writing and moving into formal compositions that include content reports and skeletal research papers. Literature involves students in a deeper examination of such genres as the short story, poetry, essay, drama, autobiography, biography and novel.

### **English III**

Credit: 1

Grade Level: 11

Pre-requisites: English II

English III is designed to help students continue to develop knowledge and skills in reading, writing, speaking, listening, viewing and representing. The course deals with the strengthening and refinement of vocabulary, grammar and composition skills, with the greater part of grammar and vocabulary instruction based upon individual weaknesses evidenced through writing and discussion. A chronological approach is emphasized in the survey of American literature. Thematic studies can be utilized with various units for comparative purposes. The literature study includes theme, style, genre, literary analysis, research and techniques of writing clearly and concisely about literary techniques.

### **English III HONORS**

Credit: 1

Grade Level: 11

Pre-requisites: English II, Teacher Recommendation

English III is designed to help students continue to develop knowledge and skills in reading, writing, speaking, listening, viewing and representing. The course deals with the strengthening and refinement of vocabulary, grammar and composition skills, with the greater part of grammar and vocabulary instruction based upon individual weaknesses evidenced through writing and discussion. A chronological approach is emphasized in the survey of American literature. Thematic studies can be utilized with various units for comparative purposes. The literature study includes theme, style, genre, literary analysis, research and techniques of writing clearly and concisely about literary techniques.

### **English IV**

Credit: 1

Grade Level: 12

Pre-requisites: English III

English IV is designed to prepare students to complete their formal secondary education with the skills needed to communicate effectively with others in the workplace or to gain admission to and succeed in college or professional school. Writing experiences include formal, informal, and technical/functional compositions. An additional, major is to create and nurture an appreciation of literature. In English IV the focus is on British literature, with an emphasis on examining literary works within their historical and cultural contexts.

### **English IV AP**

Credit: 1

Grade Level: 12

Pre-requisites: Teacher Recommendation

University Level English. Upon successful completion students will have earned a college credit for English IV.

### **English IV HONORS**

Credit: 1

Grade Level: 12

Pre-requisites: English III, Teacher Recommendation

English IV is designed to prepare students to complete their formal secondary education with the skills needed to communicate effectively with others in the workplace or to gain admission to and succeed in college or professional school. Writing experiences include formal, informal, and technical/functional compositions. An additional, major is to create and nurture an appreciation of literature. In English IV the focus is on British literature, with an emphasis on examining literary works within their historical and cultural contexts.

### **English-AP**

Credit: 1

Grade Level: 12

Pre-requisites: English III, Teacher Recommendation

The Advanced Placement (AP.) course provides interested students the opportunity to pursue college-level studies while in high school. College credit may be awarded for successful completion of the AP. examination given in early May. This demanding academic curriculum focuses on both the study and practice of writing and the study of literature, emphasizing ancient Greek drama and a chronological survey of British literature. Fundamentals of grammar, style and diction are reinforced as need compositions reveal weaknesses. This course may be taken in lieu of English Grade IV (185) for graduation.

### **Entrepreneurship**

Credit: 1

Grade Level: 12

Pre-requisites: Marketing I

### **Etymology**

Credit: .5

Grade Level: 10, 11, 12

Pre-requisites: None

The purpose of this course is to increase the students' English vocabulary, their understanding of the structure of the English language, and their understanding of the nature of languages in general, through the systematic analysis of words and word origins from Greek, Latin, and modern languages.

### **Expl. of Marketing**

Credit: 1

Grade Level: 9, 10, 11, 12

Pre-requisites: None

This course is designed to introduce and provide an overview of marketing and management as well as employment opportunities available in these fields. Students will explore important marketing concepts, functions, personality traits, and communication and interpersonal skills necessary for marketing and management careers.

### **Ext./Int. Landscaping**

Credit: 1

Grade Level: 10, 11, 12  
Pre-requisites:

### **Family & Parenting**

Credit: .5

Grade Level: 10, 11, 12

Pre-requisites: None

Family and Parenting Education assists the student in evaluating the responsibilities of being a parent in order to more effectively assume the role of future parent. Instructions include human development, personal relationships, decision-making, handling crises and finances.

### **Family and Consumer Sciences**

Credit: 1

Grade Level: 9, 10, 11, 12

Pre-requisites: None

This is a laboratory course that provides instruction for the early adolescent to obtain life management skills related to careers, economic, social, and family environments. It is a comprehensive course that includes basic instruction in the following areas: interpersonal communications; human development; family living; parenthood education; consumer economics; nutrition and foods; textiles and clothing; housing and living environments.

### **Financial Planning**

Credit: .5

Grade Level: 10, 11, 12

Pre-requisites: Principles of Business Education, Economics, or Business Economics

This course is designed to develop skills in the use of financial planning principles used in making business decisions. Students will research job qualifications and employment opportunities in Finance. The course includes a study of the allocation of financial resources, the effect of finance and credit institutions on the business community, and the impact of financial decisions on the consumer market.

### **French I**

Credit: 1

Grade Level: 9, 10, 11, 12

Pre-requisites: None

In the first year foreign language courses, students are introduced to the fundamentals of the language, with an emphasis on developing novice-level communication skills. Students are provided contact with the cultures of the people who speak the language studied, through technology, real-life cultural experiences and authentic materials.

### **French II**

Credit: 1

Grade Level: 10, 11, 12

Pre-requisites: French I

In the second year foreign language courses, students continue to pursue the development of novice-level communication skills. They continue to become acquainted, through technology, real-life cultural experiences and authentic materials, with the cultures of the people who speak the language studied.

### **French II HONORS**

Credit: 1

Grade Level: 10, 11, 12

Pre-requisites: French I, Teacher Recommendation

In the second year foreign language courses, students continue to pursue the development of novice-level communication skills. They continue to become acquainted, through technology, real-life cultural experiences and authentic materials, with the cultures of the people who speak the language studied.

### **French III HONORS**

Credit: 1

Grade Level: 11, 12

Pre-requisites: French II, Teacher Recommendation

In the third year foreign language courses, students may begin to move toward an intermediate level of communicative proficiency. They continue to become acquainted, through technology, real life cultural experiences and authentic materials, with the cultures of the people who speak the language studied.

### **Instrumental Music I**

Credit: 1

Grade Level: 9, 10, 11, 12

Pre-requisites: Audition

This course will provide instruction in creating, performing, listening to, and analyzing music in addition to focusing on beginning instrument production. Public performances and participation on local festival activities with a level of difficulty of 1 or higher, on a scale of 1 to 6, will be used as part of the assessment portfolio.

### **Instrumental Music-Senior Band I-IV**

Credit: 1

Grade Level: 9, 10, 11, 12

Pre-requisites: Audition

This course will provide instruction in creating, performing, listening to, and analyzing music, in addition to focusing on ensemble and solo performance skills. Public performances and participation on local festival activities with a level of difficulty of 2 or higher, on a scale of 1 to 6, will be used as part of the assessment portfolio. Marching Band fundamentals may be offered as a part of the learning.

### **Instrumental Music-Stage Band I**

Credit: 1

Grade Level:

Pre-requisites: Audition

This course includes the study and performance of varied jazz styles, including repertory from standard big band literature as well as studio ensembles. Individual concentration is on improvisational techniques. Public performances and participation in activities with a level of difficulty of 2 or higher, on a scale of 1 to 6, will be used as part of the assessment portfolio.

### **Interpersonal Communications**

Credit: .5

Grade Level: 9

Pre-requisites: None

This course uniquely focuses on three major aspects in an individual's life: self, family, and work. Students receive assistance in developing life skills needed to be responsible, contributing, productive, and self-sufficient members of society. This course may be combined with any Careers and Technology Cluster Area for a Technical Focus.

### **Introduction to Performing Arts**

Credit: .5

Grade Level: 9, 10, 11, 12

Pre-requisites: None

This course introduces the student to other theatre courses. This course acquaints the student with all aspects of the theatre: imagination, acting, interpretation, competition, use of voice, and career orientation.

### **Introduction to Theatre**

Credit: .5

Grade Level: 9, 10, 11, 12

Pre-requisites: Introduction to Performing Arts

Students are involved in acting techniques, playwriting, directing and technology associated with theatre production. Students are responsible for writing and performing original scripts.

### **Journalism**

Credit: .5

Grade Level: 10, 11, 12

Pre-requisites:

This course is designed to introduce students to the fields of journalism and the organization of publications ( i.e., newspapers, yearbooks and literary magazines). Types of writing-are covered, as well as production considerations, photography and the business aspects of publications.

### **Keyboarding**

Credit: .5

Grade Level: 9, 10, 11, 12

Pre-requisites: None

The student will develop basic skills in operating a computerized keyboard by using the touch system to produce mail able business documents. Malleability standards apply to keying, formatting, grammar, punctuation, capitalization, spelling, content, and layout and design. Using special features of the software such as the table function, the student will be able to format academic and business report.

### **Keyboarding Applications**

Credit: .5

Grade Level: 9, 10, 11, 12

Pre-requisites: Keyboarding

The student will further develop and refine basic skills in operating the keyboard by using the touch system to produce malleable personal and business correspondence. Speed and production are emphasized in preparation of documents. A computerized workstation is required for each student.

### **Lifetime Wellness**

Credit: 1

Grade Level: 9

Pre-requisites: None

Lifetime Wellness is a new approach to the traditional physical education and health courses. This standards-based course focuses on the principles of lifetime wellness-a lifelong process of positive lifestyle management that seeks to integrate the emotional, social, intellectual and physical dimensions of self for a longer, more productive, and higher quality of life. Using the HPELW content standards, students will apply knowledge of the human body to make decisions related to nutrition, substance use and abuse, sexuality and family life, safety and first aid, disease prevention and control, mental health, and personal fitness and related skills. In addition, students will develop a plan to maintain personal health and fitness and demonstrate individual development in fitness and psychomotor skills to promote lifelong physical

activity.

### **Marketing and Management I-Principles**

Credit: 1

Grade Level: 10, 11, 12

Pre-requisites: Principles of Business

This course focuses on the study of marketing concepts and their practical application. Students will examine risks and challenges marketers face to establish a competitive edge. Subject matter includes economics, marketing foundations/functions and human resource leadership development. Skills in communication, mathematics, economics and psychology are reinforced in this course.\*Cooperative work experience is recommended for advanced students for up to 2 additional credits.

1 unit in Marketing and Management I satisfies the Economics requirement

### **Music-General Music**

Credit: .5

Grade Level:

Pre-requisites:

Music! Its role and importance in our lives is a new approach to the traditional general music courses. This course focuses on discovering music as a means of communication in and between cultures, understanding life's meaning, and how we use music to tell the story of our lives.

### **Music-Swing/Show Choir**

Credit: 1

Grade Level: 9, 10, 11, 12

Pre-requisites: Audition

This course is designed to develop stage presence, showmanship, advanced sight reading and vocal performance skills necessary to perform popular music. Public performances and participation in activities with a high level of difficulty will be used as part of the assessment portfolio.

### **Music-Vocal Music I**

Credit: 1

Grade Level: 9

Pre-requisites: None

This course will provide instruction in creating, performing, listening to, and analyzing music, in addition to focusing on vocal production. Public performances and participation in local festival activities will be used as part of the assessment portfolio.

### **Music-Vocal Music II**

Credit: 1

Grade Level: 10

Pre-requisites: None

This course is a continuation of Vocal Music I with emphasis on expanding vocal range and increasing sight-reading skills. Public performances and participation in local festival activities at an increased level of difficulty will be used as part of the assessment portfolio.

### **Music-Vocal Music III**

Credit: 1

Grade Level: 11

Pre-requisites: None

This course is a continuation of Vocal Music II with higher expectations in all performance standards in the state curricular framework. The importance of vocal health and the development of advanced vocal techniques will be emphasized. Public performances and participation in local festival activities using music literature with a higher level of difficulty will be used as part of the assessment portfolio.

#### **Music-Vocal Music IV**

Credit: 1

Grade Level: 12

Pre-requisites: None

At this level the student is expected to sing with expression and technical accuracy a large and varied repertoire, written in more than four parts; sing in ensembles with one student on a part; improvise stylistically appropriate harmony in a variety of styles; and compose music demonstrating imagination and technical skill in applying the principles of composition. Public performances and participation in local festival activities using music literature with a level of difficulty of 5, on a scale of 1 to 6, will be used as part of the assessment portfolio.

#### **Mythology**

Credit: .5

Grade Level: 12

Pre-requisites: None

A systematic examination of the traditional cycles of the myths of different cultures and their survival and metamorphosis in literature. Some attention is given to the problems of comparative mythology and the related areas of archaeology and history.

#### **Nutrition/Foods**

Credit: 1

Grade Level: 11

Pre-requisites: None

Nutrition and Foods is a specialized course with emphasis on helping students understand the significance of food, principles of nutrition, and the relationship of nutrition to health and well being. The course offers the students opportunities to develop skills in the selection, preparation, storing, and serving of food, meal management to meet individual and family nutrition needs across the life span, and optimal use of food resources. Careers and occupations in nutrition and the food industry will be explored.

#### **Physical Education-Advanced Individual and Dual Sports**

Credit: .5

Grade Level: 9, 10, 11, 12

Pre-requisites: None

This course is designed for students who are interested in enhancing their skills in sports. This course focuses on refining skills in paddle and racket sports, track and field, golf, and bowling as students begin to select individual and lifetime sports for continuing fitness and recreation. Daily fitness activities will also be a component of this course.

#### **Physical Education-Advanced Team Sports**

Credit: .5

Grade Level: 9, 10, 11, 12

Pre-requisites: None

Advanced Team Sports is designed for students who are interested in increasing their physical and cognitive skills in basketball, softball, flag football, soccer, and volleyball. Students learn techniques that will help them and make career choices in physical education/movement sciences. Daily fitness activities will also be a component of this course.

### **Physical Education-Fitness and Conditioning I**

Credit: .5

Grade Level: 9, 10, 11, 12

Pre-requisites: None

This course focuses on recognizing and establishing behavioral factors leading to the development of total fitness. Assessing individual health related components of fitness and designing a personal fitness plan will be the focus. Emphasis will be placed on the concepts of physical fitness, nutrition, weight control, and aerobic/anaerobic activities.

### **Physical Education-Fitness and Conditioning II**

Credit: .5

Grade Level: 9, 10, 11, 12

Pre-requisites: Fitness and Conditioning I

P.E. Fitness and Conditioning II continues P.E. Fitness and Conditioning I with special emphasis on achieving goals established in the personal fitness plan. Concepts of physical fitness, nutrition, weight control, and aerobic/anaerobic activities will be further studied.

### **Physical Science**

Credit: 1

Grade Level: 9, 10, 11, 12

Pre-requisites: None

Physical Science is a basic science course covering the basic concepts of Chemistry and Physics. This course involves the study of the relationships between matter and energy with emphasis on general and practical applications.

### **Physics**

Credit: 1

Grade Level: 11, 12

Pre-requisites: Algebra I, Geometry, Chemistry

Physics is a laboratory-based course, which includes the study of matter, and the relationship between energy matter. Through technology, classroom and laboratory methods, students investigate mechanics; heat, sound, and light; electromagnetism, and nuclear changes. While an understanding of physics concepts is emphasized during the course, measurements and calculations are used to assist students in developing those understandings. Algebra II should be taken prior to or concurrently with Physics.

### **Physics**

Credit: 1

Grade Level: 11

Pre-requisites: Physics I

University Level Physics. Upon successful completion students will have earned a college credit for Physics.

### **Pre-Cal/Pacesetter**

Credit: 1

Grade Level: 11, 12

Pre-requisites: Algebra II, Teacher Recommendation

Instruction in Precalculus emphasizes the connections among a problem situation, its model as a function in symbolic form, and the graph of that function. Major topics of study in Precalculus are function analysis, exponents and logarithms, trigonometry and its applications, sequences and series, and conic sections.

Technology use is a priority so that manual graphing of functions and rote use of formulas receive decreased attention. Trigonometry content is an integral of this course.

### **Psychology**

Credit: .5

Grade Level: 12

Pre-requisites: None

Psychology is an elective in the science of individual behavior. Students investigate how people behave and why they behave as they do. Students, through application, learn to face and resolve problems of a personal nature and problems involving interaction with other individuals.

### **Sociology**

Credit: .5

Grade Level: 12

Pre-requisites: None

Sociology is designed to help students understand the patterns, processes, and institutions of human group interaction. The student is introduced to basic principles and concepts of sociological inquiry, the investigative tools needed for such inquiry and the examination of selected areas of the structure and function of American society.

### **Spanish I**

Credit: 1

Grade Level: 9, 10, 11, 12

Pre-requisites: None

In the first year foreign language courses, students are introduced to the fundamentals of the language, with an emphasis on developing novice-level communication skills. Students are provided contact with the cultures of the people who speak the language studied, through technology, real-life cultural experiences and authentic materials.

### **Spanish II**

Credit: 1

Grade Level: 10, 11, 12

Pre-requisites: Spanish I

In the second year foreign language courses, students continue to pursue the development of novice-level communication skills. They continue to become acquainted, through technology, real-life cultural experiences and authentic materials, with the cultures of the people who speak the language studied.

### **Spanish III HONORS**

Credit: 1

Grade Level: 11, 12

Pre-requisites: Spanish II, Teacher Recommendation

In the third year foreign language courses, students may begin to move toward an intermediate level of communicative proficiency. They continue to become acquainted, through technology, real life cultural experiences and authentic materials, with the cultures of the people who speak the language studied.

### **Speech**

Credit: .5

Grade Level: 9, 10, 11, 12

Pre-requisites: None

Students are introduced to the techniques of oral communication through the use of research, organization,

and creative thinking skills. Students will be required to make oral classroom presentations. This course is not approved as a Fine Arts course for college entrance requirements.

### **Textiles & Apparel**

Credit: .5

Grade Level: 10, 11, 12

Pre-requisites: None

This course is designed to prepare students to understand the social, psychological and physiological aspects of textile and apparel products. Instructions in how to select, produce, maintain, and alter textile and apparel products, and the effect of consumer choices on the needs of the individual and family are included in the course study.

### **U.S. History AP**

Credit: 1

Grade Level: 11

Pre-requisites: None

University Level U.S. History. Upon successful completion students will have earned a college credit for U.S. History.

### **Unified Geometry**

Credit: 1

Grade Level: 10

Pre-requisites: Algebra I

Geometry is the branch of mathematics that deals with properties, measurement, and relationships of points, lines, and plane and solid figures. Emphasis is placed on logical reasoning and the integration of algebraic and geometric concepts. Instruction in this course includes the study and use of different representational systems, including coordinate geometry and graph theory; it also focuses students on recognizing the usefulness of transformations and symmetry in analyzing mathematical situations. Graphing calculators or computers with Cabri software will be used in this course so that students can have dynamic visualizations of geometric relationships.

### **United States Government**

Credit: .5

Grade Level: 11, 12

Pre-requisites: None

In United States Government, students explore the historical and philosophical background upon which the United States Government is founded. Emphasis is placed upon the three branches of government and their functions. Current problems resulting from government policies and decisions from the past are analyzed. This course will be required for graduation beginning with the 1994 seniors.

### **United States Government AP**

Credit: 1

Grade Level: 12

Pre-requisites: None

University Level U.S. Government. Upon successful completion students will have earned a college credit for U.S. Government.

### **United States History**

Credit: 1

Grade Level: 11

Pre-requisites: None

This course provides a framework for understanding how events of the past relate to the present and future. The United States heritage, its strengths and weaknesses, its accomplishments and its failures are examined. Major emphasis is placed on the student understanding of his/her role in the larger society. This is accomplished through an in depth study extending from the backgrounds of the diverse groups that comprised the population on the continent to the challenges of today's society. One credit of United States History is required for graduation from high school.

### **United States History-Advanced Placement**

Credit: 1

Grade Level:

Pre-requisites: Teacher Recommendation

Advanced Placement American History is a college preparatory course offered to seniors. Students who enroll in the course take the Advanced Placement Examination at the end of the course with the hope of receiving college credit by making acceptable scores. The approach in the Advanced Placement course is more conceptual and in greater depth than that provided in the standard course. Special attention is given to perceptions, pattern and systems, contemporary studies, attitudes, and values. Emphasis is placed upon cause and effect relationships and the inter-dependency of social, economic, and political factors based on research from primary and secondary sources. Advanced Placement American History can be substituted for the one unit in United States History to meet graduation requirements.

### **Visual Arts I**

Credit: 1

Grade Level: 9, 10, 11, 12

Pre-requisites: None

This is an introductory course in art. Basic elements and principals of art are learned through experiences in drawing, painting, visual communications, three-dimensional design, and environmental design. Art production is integrated with art history, art criticism, and aesthetics within each unit of study.

### **Visual Arts II**

Credit: 1

Grade Level: 10, 11, 12

Pre-requisites: Visual Art I or its equivalent

This course is a continuation of Secondary Art I in greater depth and detail emphasizing strong foundations in theory and skill. Emphasis is placed in design as it relates to two-dimensional art forms. Art production is integrated with art history, art criticism, and aesthetics to build individual skills in observing, analyzing, and interpreting artworks. These skills are necessary for consumers as well as producers of art.

### **World Geography**

Credit: 1

Grade Level: 9, 10, 11, 12

Pre-requisites: None

The broad goal of World Geography is to expand the students' basic concepts, skills ad experiences relating to the geographic, political, social, and economic institutions for the various regions of the world. For graduation, students are required to earn one unit in World Geography or one unit in World History.

### **World History**

Credit: 1

Grade Level: 9, 10, 11, 12

Pre-requisites: None

World History is offered at the high school level. The major goals of the course are to provide opportunities

for students to examine the past; to study backgrounds, beliefs, values, attitudes and customs of past societies; and to gain an understanding of the ways these differences impact upon world events in our global society. Emphasis is placed on developing respect for cultural differences, viewing these differences as a right of all people, and examining world problems and the complexity of arriving at acceptable solutions. For graduation, students are required to take one unit of World History or one unit of World Geography.

**World History HONORS**

Credit: 1

Grade Level: 9, 10, 11, 12

Pre-requisites: Teacher Recommendation

World History is offered at the high school level. The major goals of the course are to provide opportunities for students to examine the past; to study backgrounds, beliefs, values, attitudes and customs of past societies; and to gain an understanding of the ways these differences impact upon world events in our global society. Emphasis is placed on developing respect for cultural differences, viewing these differences as a right of all people, and examining world problems and the complexity of arriving at acceptable solutions. For graduation, students are required to take one unit of World History or one unit of World Geography.