

AGRICULTURE

COURSE NAME: PRINCIPLES OF AGRICULTURAL SCIENCE AND TECHNOLOGY

COURSE #5820

GRADES: 10

CREDIT: 1

PREREQUISITE: None

COURSE DESCRIPTION: This course provides instruction in the foundations of the various segments of the agricultural industry. Agricultural career opportunities will be emphasized. Animal science, plant and land science, and agricultural mechanics skills will be the focus of the curriculum. The selection and planning of a supervised agricultural experience program and related record keeping will be presented. Leadership development will be provided through FFA. Students will receive personal guidance and counseling with preparatory instructional program selection.

COURSE NAME: AGRISCIENCE

COURSE #5821

GRADES: 10-12

CREDIT: 1

PREREQUISITE: None

COURSE DESCRIPTION: Agriscience introduces the scientific agricultural approach to animal science and selection, and plant and land science. Agricultural career opportunities will be emphasized in each class. Laboratory experiences relating to basic and current technology will be part of the program. Content may be enhanced by utilizing appropriate computer applications. Leadership development will be provided through FFA. Each student will be expected to have a supervised agricultural experience program and keep appropriate records.

COURSE NAME: ANIMAL SCIENCE

COURSE #5823

GRADES: 10-12

CREDIT: 1

PREREQUISITE: PRINCIPLES OF AGRICULTURE OR AGRISCIENCE

COURSE DESCRIPTION: Animal Science develops basic knowledge and skills pertaining to livestock identification, selection, nutrition, reproduction and genetics, health management, marketing of one or more species of farm animals. The latest biotechnological applications will be included. The content may be enhanced with appropriate computer applications. Leadership development will be provided through FFA. Each student will be expected to have a supervised agricultural experience program.

COURSE NAME: GREENHOUSE TECHNOLOGY

COURSE #5840

GRADES: 10-12

CREDIT: 1

PREREQUISITE: PRINCIPLES OF AGRICULTURE OR AGRISCIENCE

COURSE DESCRIPTION: Greenhouse Technology provides instruction in greenhouse structures and greenhouse environment regulations. Plant growth and development and propagation are included as well as production and maintenance of bedding and container produced plants. Fundamental principles of vegetable production and commercial production of vegetable crops may be included. Content may be enhanced with appropriate technology. Leadership development will be provided through FFA. Each student will be expected to have a supervised agricultural experience program.

COURSE NAME: ADVANCED ANIMAL SCIENCE

COURSE #5825

GRADES: 11-12

CREDIT: 1

PREREQUISITE: ANIMAL SCIENCE AND PERMISSION FROM THE INSTRUCTOR

COURSE DESCRIPTION: (Independent Study) A college-freshmen level course which surveys genetics, reproductive physiology, growth and development, nutrition and digestive physiology, anatomy, meat science and overviews of the dairy, poultry, equine, swine, and aquaculture industries. Opportunity is provided for students to earn three (3) hours of introductory college credit. Content may be enhanced with appropriate computer applications. Leadership development will be provided through the FFA. Each student will be expected to have a supervised agricultural experience program.

COURSE NAME: AGRICULTURE SALES & MARKETING

COURSE #5827

GRADES: 10-12

CREDIT: 1

PREREQUISITE: PRINCIPLES OF AGRICULTURE OR AGRISCIENCE

COURSE DESCRIPTION: A course that describes theories, principles of sound sales and marketing practices including customer relations, displays, advertising, marketing plans, etc. Content will be enhanced with appropriate computer applications, scientific laboratory activities, field experimentation, community development projects, and occupational development. Leadership development will be provided through FFA. Each student will be expected to have an agricultural experience program.

BUSINESS

COURSE NAME: ACCOUNTING AND FINANCE FOUNDATIONS

COURSE #5610

GRADES: 11-12

CREDIT: 1

PREREQUISITE: MUST HAVE PASSED COMPUTER AND TECHNOLOGY APPLICATIONS

FEE : \$10

COURSE DESCRIPTION: This course will provide an introduction to both areas of accounting and finance. Topics will include banking, credit, financial literacy, career exploration, spreadsheet usage, and technical writing. The accounting principles taught in this course are based on a double-entry system and include preparing bank reconciliations, payroll taxes, and financial statements. Detailed career exploration in the various fields of accounting will be available.

COURSE NAME: FINANCIAL SERVICES I (Formerly Banking and Finance I)

COURSE #5622

GRADES: 11-12

CREDIT: 1

PREREQUISITE: COMPUTER AND TECHNOLOGY APPLICATIONS; 2.5 GRADE POINT AVERAGE; NO PREVIOUS REFERRALS FOR SKIPPING CLASS/SCHOOL.

COURSE DESCRIPTION: This course is designed for 11th and 12th grade students interested in pursuing a career in the financial institution field. It involves operation of a student financial center in cooperation with a sponsoring bank, which provides application of banking and financial procedures and concepts.

COURSE NAME: FINANCIAL SERVICES II (Formerly Banking and Finance II)

COURSE #5623

GRADES: 11-12

CREDIT: 1

PREREQUISITE: FINANCIAL SERVICES I; 2.5 GRADE POINT AVERAGE; NO PREVIOUS REFERRALS FOR SKIPPING CLASS/SCHOOL.

COURSE DESCRIPTION: Financial Services II is a continuation of Financial Services I, providing opportunities to enhance students' math and English portfolio writings. Students continue to learn and practice financial activities associated with the operation of a bank and other finance-related institutions in addition to assuming management and supervisory responsibilities, including training "new employees." Students will participate in a work-based learning experience.

COURSE NAME: MULTI-MEDIA PUBLISHING

COURSE #5645

GRADES: 11-12

CREDIT: 1

PREREQUISITE: MUST HAVE PASSED COMPUTER AND TECHNOLOGY APPLICATIONS

COURSE DESCRIPTION: This hand-on course applies publishing and presentation concepts through the development of sophisticated business documents and projects. These documents include, but are not limited to, tri-fold brochures, manuscripts, reports, bi-fold programs, catalogs, newsletters, flyers, business forms, graphs, web pages, on-screen presentations, and video productions. Equipments such as scanners, digital cameras, video cameras, and color laser printers, may be utilized in creating the documents. Formatting, editing, page layout, and design concepts are taught. Distribution ready publication standards are applied to all projects. Students will develop communication skills, problem-solving techniques, cooperative learning, and interpersonal skills.

COURSE NAME: COMPUTER AND TECHNOLOGY APPLICATIONS

COURSE #5714

GRADES: 10-12

CREDIT: 1

PREREQUISITE: NONE

COURSE DESCRIPTION: Students will use a computer and application software including word processing, presentation, database, spreadsheets, internet, and email to prepare elementary documents and reports. The impact of computers on society and ethical issues are presented.

COURSE NAME: ADVANCED COMPUTER AND TECHNOLOGY APPLICATIONS

COURSE # 5715

GRADES: 11-12

CREDIT: 1

PREREQUISITE: MUST HAVE PASSED COMPUTER AND TECHNOLOGY APPLICATIONS

COURSE DESCRIPTION: This course is designed to provide students an advanced-level experience with practical applications through hands-on instruction. Course content will include understanding of various hardware, software, operating systems, care/operations, administrative applications, and employability skills. The software includes advanced business applications using word processing, presentation, spreadsheets, database management, desktop publishing, and electronic communication. Upon completion of this course, a student will be ready to take the core level tests for MOS Certification and/or the Administrative Support Skill Standards Certificate.

FOREIGN LANGUAGE

COURSE NAME: SPANISH I

COURSE #2431

GRADES: 10-12

CREDIT: 1

PREREQUISITE: TEACHER RECOMMENDATION

COURSE DESCRIPTION: Spanish I covers, on an introductory level, the four aspects of the language: conversation or oral skills, listening comprehension, written proficiency, and culture study. Grades will be determined by a combination of individual work, class participation, and tests.

COURSE NAME: SPANISH II

COURSE #2432

GRADES: 10-12

CREDIT: 1

PREREQUISITE: SPANISH I AND TEACHER RECOMMENDATION

COURSE DESCRIPTION: Spanish II is taught at an intermediate level. Written, oral, and listening skills are emphasized, but grammar and sentence construction will be studied in greater depth. Grades will be determined by individual work, class participation, and tests.

COURSE NAME: SPANISH III

COURSE #2433

GRADES: 11-12

CREDIT: 1

PREREQUISITE: SPANISH II AND TEACHER RECOMMENDATION

COURSE DESCRIPTION: Spanish III concentrates on the development of written, oral, and listening skills at an advanced level. The course places an emphasis on writing and introduces the student to works of Spanish literature. Grades will be determined by a combination of individual work, class participation and tests.

COURSE NAME: SPANISH IV

COURSE #2435

GRADES: 11-12

CREDIT: 1

PREREQUISITE: SPANISH III AND TEACHER RECOMMENDATION

COURSE DESCRIPTION: This course is taught at the college level. It combines an intense study of verbal and written expression with a special emphasis on great works of Spanish literature. Grades will be determined by individual work, class participation, and tests.

HEALTH / PHYSICAL EDUCATION

COURSE NAME: HEALTH

COURSE #2851

GRADE: 9

CREDIT: 0.5

PREREQUISITE: TAKEN WITH PHYSICAL EDUCATION I **REQUIRED FOR ALL FRESHMAN**

COURSE DESCRIPTION: Health Education is a course designed to emphasize decision-making skills as related to the following essential health content areas: physical wellness, nutrition, safety and first aid, exercise, fitness, and human growth and development (body systems and their functions). Other essential components of the course include stress management, conflict resolution, substance abuse, and goal setting. Not to be excluded are mental, emotional illnesses, community resources and services, and health-related consumer choices. This course will last 9 weeks and is required for graduation.

COURSE NAME: PHYSICAL EDUCATION I

COURSE #2881

GRADE: 9

CREDIT: 0.5

PREREQUISITE: TAKEN WITH HEALTH EDUCATION **REQUIRED FOR ALL FRESHMAN**

COURSE DESCRIPTION: Physical Education I requires student participation in meaningful physical activities (e.g., exercise forms, creative/rhythmic movement, sports, games) on a regular basis. The relationship of physical activity to a healthy way of life is stressed. This course provides students with opportunities to develop and refine necessary psychomotor skills, to improve and maintain physical wellness, and to participate in lifetime physical activities. Students are required to dress out and participate for 9 weeks. Physical Education I is required for graduation.

COURSE NAME: P.E. II – FITNESS TRAINING, ATHLETIC CONDITIONING, AND SPORTS OFFICIATING

COURSE #2882

GRADE: 10-12

CREDIT: 1

PREREQUISITE: COMPLETION OF PE AND INSTRUCTOR SIGNATURE OR APPROVAL

COURSE DESCRIPTION: This course requires rigorous strength, speed, agility, and endurance training, with an emphasis on nutrition and body building chemistry. Proper fitness training along with skill development will be encouraged through participation in physical activities, athletics, and sports officiating. Students will also be further required to complete a sports physical, periodic fitness tests, and drug testing. This class also may require attendance to approved or certified sports/officials training, workshops, clinics, or events. **Daily dress out and participation are required.**

HUMAN SERVICES

COURSE NAME: FACS LIFE SKILLS (Formerly Life Skills)

COURSE #5910 FEE: \$10.00

GRADE: 10

CREDIT: 1

COURSE DESCRIPTION: This comprehensive course provides an opportunity for acquiring basic life skills and allows students to select specific areas for concentrated study. Emphasis is on work and family, adolescent development, selection and care of clothing, consumer spending, housing choices, challenges of child rearing, basic food preparation and guidance in establishing relationships. Leadership development will be provided through the Family, Career and Community Leaders of America.

COURSE NAME: FASHION DESIGN I(Formerly Apparel Management)

COURSE #5912

GRADE: 10-12

CREDIT: 1

COURSE DESCRIPTION: This course provides opportunities for students to develop career competencies in the fashion industry by applying information related to social, economic, and media influences. Students apply knowledge of design principles and processes through skill performance activities. Leadership development will be provided through Family, Career and Community Leaders of America.

COURSE NAME: FASHION DESIGN II (Formerly Apparel Management II)

COURSE #5913

GRADE: 10-12

CREDIT: 1

PREREQUISITE: APPAREL MANAGEMENT I OR FASHION DESIGN I

COURSE DESCRIPTION: This course provides opportunities for student to develop career competencies in the interiors industry. Practical problems include advanced textile construction techniques, Entrepreneurial opportunities will be explored. Leadership development will be provided through the FCCLA.

COURSE NAME: MONEY SKILLS (Formerly Career and Family)

COURSE #5911 FEE: \$10.00

GRADE: 10-12

CREDIT: 1

COURSE DESCRIPTION: This course is designed to prepare students to understand and use sound financial management skills and practices contributing to financial stability, improving the quality of life for individuals and families. Decision-making, problem solving, goal setting and using technology are integrated throughout the content. Leadership development will be provided through the FCCLA.

COURSE NAME: FOODS AND NUTRITION (Formerly Creative Foods)

COURSE #5926 FEE: \$15.00

GRADE: 11-12

CREDIT: 0.5

PREREQUISITE: Taken with Interior Design I

COURSE DESCRIPTION: This course is designed to assist students in making critical decisions about food that contributes to health and well-being. Laboratory instruction is included as an application process. Practical problems addressed relate to attitudes toward food, nutrition facts, special health concerns and diets, management of food resources, preparation skills and careers in nutrition and food service. Leadership development will be provided by the Family, Career and Community Leaders of America.

COURSE NAME: INTERIOR DESIGN I (Formerly Housing)

COURSE #5920

GRADE: 11-12

CREDIT: 0.5

PREREQUISITE: Taken with Foods and Nutrition

COURSE DESCRIPTION: This course provides opportunities for students to develop career competencies in the interior design industry by applying information related to social, economic, and media influences. Students apply knowledge of design principles and processes through skill performance activities practical problems include the creation of floor plans using technological resources. Leadership development will be provided by the Family, Career and Community Leaders of America.

COURSE NAME: PARENTING

COURSE #5927

GRADE: 10-12

CREDIT: 0.5

PREREQUISITE: Taken with Relationships

COURSE DESCRIPTION: This course is designed to aid students in developing parenting and care giving skills that can be applied in a variety of situations. Major topics include becoming an informed parent, caring for the newborn, being an effective parent/caregiver, caring for the sick and elderly and exploring career opportunities in care giving. Leadership development will provided through the FCCLA.

COURSE NAME: RELATIONSHIPS

COURSE #5928

GRADE: 10-12

CREDIT: 0.5

PREREQUISITES: Taken with Parenting

COURSE DESCRIPTION: This course assists students to develop self-understanding, understand others better, improve interpersonal skills both within and outside the family, be more considerate of other person's needs and property, and maintain mental and emotional wellness. Family Life education comprises a portion of this course, including dating and married relationships. Preparations for and the achievement of a successful marriage are emphasized. Leadership development will be provided through the FCCLA.

COURSE NAME: CHILD DEVELOPMENT SERVICES ICOURSE #5923 **FEE: \$5.00** GRADE: 11-12 **CREDIT: 1**PREREQUISITES: **Child/Human Development OR Teacher Recommendation**

COURSE DESCRIPTION: This course provides training for entry-level positions in day care centers, nurseries, kindergartens and private homes. Students study careers in child development, guidance, children's health and well being in group care, value of play, teaching strategies and management, and curriculum development. Leadership development will be provided through the Family, Career and Community Leaders of America.

COURSE NAME: CHILD DEVELOPMENT SERVICES IICOURSE #5924 **FEE: \$5.00** GRADE: 12 **CREDIT: 1**PREREQUISITES: **Child Care Services I**

COURSE DESCRIPTION: Child Development Services II is a continuation of Child Development Services I and designed for students who wish to train for supervisory level positions or to further their education at the post secondary level in the area of childcare and development. Leadership development will be provided through the Family, Career and Community Leaders of America.

COURSE NAME: CHILD/ HUMAN DEVELOPMENTCOURSE #5921 GRADE: 10-12 **CREDIT: 1**

PREREQUISITES:

COURSE DESCRIPTION: This course addresses the practical problems related to understanding the types and stages of human growth and development, recognizing effects of heredity and environment on human growth and development, meeting the needs of exceptional children, promoting optimum growth and development in the infancy, toddler, and preschool stages. Careers in the child/human development are explored.

COURSE NAME: CULINARY SKILLSCOURSE #5929 **FEE: \$20.00** GRADE: 11-12 **CREDIT: 1**PREREQUISITES: **Foods and Nutrition or Creative Foods**

COURSE DESCRIPTION: This course is designed to provide training for employment in hospitality services in the area of food service. Career decisions and demands on family life are explored as well as skills and concepts related to supportive services such as public relations, foods and beverage operations, management techniques and entrepreneurship. Prerequisite: Foods and Nutrition or Creative Foods.

COURSE NAME: NUTRITIONAL FOOD SCIENCECOURSE #5925 **FEE: \$15.00** GRADE: 11-12 **CREDIT: 1**PREREQUISITES: **Foods or Teacher Recommendation, counts as Science elective**

COURSE DESCRIPTION: Nutritional Science is an interdisciplinary course that has a variety of applications to everyday life. Much of the study and work in this course is directed toward providing students with knowledge of nutrition concepts and the various relationships between nutrition and science. Scientific methods are used to conduct laboratory experiments with food. Students explore career possibilities in science, nutrition, microbiology, family and consumer sciences, dietetics, and various research specialties. Leadership development will be provided through Family, Career and Community Leaders of America.

COURSE NAME: ENTREPRENEURSHIP (TEXTILE SERVICES)COURSE #5922 GRADE: 11-12 **CREDIT: 1**PREREQUISITES: **FASHION DESIGN I OR APPAREL MANAGEMENT I**

COURSE DESCRIPTION: This course involves the use of the computerized embroidery machines, digitizing software and the business management of the school based **Rebel Embroidery** Service. Leadership development will be provided through the FCCLA.

INDUSTRIAL TECHNOLOGY EDUCATION

COURSE NAME: TECHNOLOGY CONCEPTSCOURSE #5974 GRADE: 10 **CREDIT: 1**

COURSE DESCRIPTION: This introductory course provides opportunities for students to study and apply technological systems, concepts, and processes. Group and individual activities engage students in creating ideas, developing innovations, and implementing design solutions utilizing the seven contexts of technological literacy (medical, agriculture and bio-related technologies, construction, manufacturing, transportation, power and energy, and communication systems). Technology content, resources, and laboratory activities encourage student applications of Kentucky Core Content. This can be accomplished through modular or other instructional strategies. Instruction should be enriched through participation in Kentucky Technology Student Association challenges.

COURSE NAME: CONCEPTUAL ENGINEERING TECHNOLOGY

COURSE #5960

GRADE: 10-12

CREDIT: 1

PREREQUISITE:

COURSE DESCRIPTION: Engineering scope, content, and professional practices are presented through practical applications in this course. Students in engineering teams apply technology and Kentucky Core content and skills to solve engineering design problems and innovate designs. Students research safety, human factors and ethics. (This course derives content from the CATTs Introduction to Engineering guide)

COURSE NAME: TECHNOLOGY DESIGN AND APPLICATIONS

COURSE #5945

GRADE: 10-12

CREDIT: 1

PREREQUISITE:

COURSE DESCRIPTION: This course will engage students in individual and/or team design activities in various technological contexts. Students will apply the technological problem solving process and develop critical thinking skills. These skills are applied in the researching, designing, prototyping, testing, and the modification of product(s). This can be accomplished through various laboratory instructional strategies utilizing the seven contexts of technological literacy. Instruction should be enriched through participation in KTSA challenges. (This course derives content from the CATTs Impacts of Technology and CATTs Introduction to Engineering guides)

COURSE NAME: IMPACTS OF CONTEMPORARY TECHNOLOGY

COURSE #5946

GRADE: 11-12

CREDIT: 1

PREREQUISITE: You must have earned a C or better in Technology Design and Applications (Tech Lab I).

COURSE DESCRIPTION: This course addresses the positive and negative impacts of technology and the intended and unintended results of its implementation. Students investigate and analyze critical historical and emerging issues affecting the creation, development, use and control of contemporary and future technology. Laboratory activities will allow students to propose and implement alternative solutions. Students will measure, quantify, assess, and communicate the impacts of these proposals. This can be accomplished through various classroom and laboratory instructional strategies. Instruction should be enriched through participation in KTSA challenges. (This course derives content from the CATTs Technological Issues and CATTs Impacts of Technology guides)

ART**COURSE NAME: ART HISTORY**

COURSE #2804

GRADES: 10-12

CREDIT: 1

PREREQUISITE: ENGLISH

COURSE DESCRIPTION: This course fulfills the HUMANITIES requirement for graduation. The class emphasis is on the arts of the Western World supplemented by units covering the arts of other non-western cultures. The class format is centered on reading, lecture, power points, and open discussion. This class is an excellent preparatory course for the Art section of the CATS HUMANITIES test and is a must for the serious art student.

COURSE NAME: GENERAL ART I

COURSE #2801

GRADES: 10-12

CREDIT: 1

PREREQUISITE: NONE

COURSE DESCRIPTION: This course is open to the general student body. Topics of emphasis include art history, appreciation, and analyzation using the elements and principles of art. Additional topics include figure and perspective drawing, the study of pencils and relief printing. This class is designed to fulfill the Humanities requirement from a visual arts point of view. Grades are based on test scores, out of class sketch pads, and completed class projects.

COURSE NAME: GENERAL ART II

COURSE #2802

GRADES: 11-12

CREDIT: 1

PREREQUISITE: GENERAL ART I

COURSE DESCRIPTION: This course is designed for the more serious student wishing to continue the study of art. Topics include an in-depth study of individual artists, appreciation, analyzation, figure and perspective drawing, wood block relief or silkscreen printing, color pencil illustration, watercolors and/or acrylic painting, pastels, and ceramics. It centers on a studio environment. Students will be expected to participate in the activities of each area. Grades are based on completed projects, out of class assignments, and participation.

COURSE NAME: SPECIALIZED ART I & II

COURSE #2803

GRADES: 11-12

CREDIT: 1

PREREQUISITE: GENERAL ART I & II

COURSE DESCRIPTION: This course is designed for the serious art student. It takes a more independent direction allowing students to create works of various mediums in and out of class. Students will be involved in the study and research of individual artists. Mediums include any previously mentioned in General Art II plus the possibility of batik, basketry, sculpture, oil pastels, and ink illustration. Students will be expected to complete in-depth, in and out of class projects and participate in daily activities, which include presentations and critiques.

LANGUAGE ARTS

COURSE NAME: ENGLISH 9

COURSE #2311

GRADE 9

CREDIT: 1

PREREQUISITE: TEACHER RECOMMENDATION

COURSE DESCRIPTION: This course will build on students' language arts abilities gained in elementary and middle school. Content will include various literary genres, grammar, vocabulary development, and composition. Reading comprehension, literary terms, poetic devices, and vocabulary will be emphasized. Grammar skills will be reviewed throughout the year via vocabulary and writing. Major areas will include short stories, poetry, drama, oral communications, creative writing, the epic, and the novel.

COURSE NAME: HONORS ENGLISH 9

COURSE # 2315

GRADE: 9

CREDIT: 1

PREREQUISITE: TEACHER RECOMMENDATION

COURSE DESCRIPTION: Advanced English 9 is a faster-paced, more in-depth, more demanding version of English 1. It is recommended for students who plan to take Honors and AP English in their junior and senior years, and who have a strong record of performance in English. Students are expected to work independently and at an accelerated pace. This course will build on students' language arts abilities gained in elementary and middle school. Content will include various literary genres, grammar, vocabulary development, and composition. Reading comprehension, literary terms, poetic devices, and vocabulary will be emphasized. Grammar skills will be reviewed throughout the year via vocabulary and writing. Major areas will include short stories, poetry, drama, oral communications, creative writing, the epic, and the novel. Summer reading required.

COURSE NAME: ENGLISH 10

COURSE #2312

GRADE: 10

CREDIT: 1

PREREQUISITE: ENGLISH 9 AND TEACHER RECOMMENDATION

COURSE DESCRIPTION: This course focuses on the language arts skills necessary for success in post-secondary vocational/technical school, two or four-year college degree (English 101-105), military service, and private and/or public employment. This course will continue building language arts skills. Content will include reading in literary, persuasive, informational, and practical genres; composition and grammar; vocabulary development; oral communication, drama and creative writing. Emphasis will be placed on increasing skills and confidence in these areas. Students must generate a polished, typed, literary writing piece to receive credit for this class. Students must generate a typed apprentice writing to receive credit for this class.

COURSE NAME: HONORS ENGLISH 10

COURSE # 2316

GRADE: 10

CREDIT: 1

PREREQUISITE: ENGLISH 9 AND TEACHER RECOMMENDATION

COURSE DESCRIPTION: Honors English 10 is a faster-paced, more in-depth, more demanding version of English 2. It is recommended for students who plan to take Honors and AP English in their junior and senior years, and who have a strong record of performance in English. Students are expected to work independently and at an accelerated pace. Good, independent thinking and work habits are expected, as are good reading and writing skills. Students must generate a polished, typed, literary writing piece to receive credit for this class. Summer reading required.

COURSE NAME: ENGLISH 11

COURSE #2313

GRADE: 11

CREDIT: 1

PREREQUISITE: ENGLISH 10 AND TEACHER RECOMMENDATION

COURSE DESCRIPTION: This course will continue to develop students' competencies in language arts skills. Content includes instruction in oral and written composition, drama, study skills, and reference techniques. Literature studied will emphasize the historical, cultural, and aesthetic significance of American literature. This significance will be enhanced by the study of current issues and popular culture as is seen in present-day music, poetry, and literature. Reference skills will be applied through a variety of writing experiences; and oral communications skills will be developed through presentations that develop proficiency in the area of public address. Students must generate a polished, typed, personal writing piece to receive credit for this class.

COURSE NAME: HONORS ENGLISH 11

COURSE # 2317

GRADE: 11

CREDIT: 1

PREREQUISITE: ENGLISH 10 AND TEACHER RECOMMENDATION

COURSE DESCRIPTION: Honors English 11 is a faster-paced, more in-depth, more demanding version of English 3. It is recommended for students who plan to take Honors and AP English in their senior year, and who have a strong record of performance in English. Students are expected to work independently and at an accelerated pace. Good, independent thinking and work habits are expected, as are good reading and writing skills. This course will provide students with an analytical approach to American. Students must generate a polished, typed, personal writing piece to receive credit for this class. Summer reading required.

COURSE NAME: ENGLISH 12

COURSE #2314

GRADE: 12

CREDIT: 1

PREREQUISITE: ENGLISH 11 AND TEACHER RECOMMENDATION

COURSE DESCRIPTION: This course is the culmination of a student's high school English experience with an emphasis on developing analytical skills. Course work will include literature, composition, vocabulary and other assignments related to literacy. Literature studies will include a survey of British literature, as well as other works related to composition assignments. A major project of the course will be completion of the state-required Writing Portfolio, including reflective, literary, personal and transactive forms of writing. Students must generate a polished, typed, reflective writing piece to receive credit for this class.

COURSE NAME: HONORS ENGLISH 12

COURSE # 2318

GRADE: 12

CREDIT: 1

PREREQUISITE: ENGLISH 11 AND TEACHER RECOMMENDATION

COURSE DESCRIPTION: Honors English 12 is a faster-paced, more in-depth, more demanding version of English IV. It is recommended for students able to accept the challenge of a more rigorous course, but who do not want the potential college credit of AP English. Students must have a strong record of performance in English and be able to work independently. This course will build on analytical skills developed in Honors English III in a survey of classic and modern British literature. Students will also complete the state-required Writing Portfolio, focusing on achieving proficiency in reflective, literary, personal and transactive forms of writing. Students must generate a polished, typed, reflective writing piece to receive credit for this class. Summer reading required.

COURSE NAME: ADVANCED PLACEMENT ENGLISH LANGUAGE & COMPOSITION

COURSE #2306

GRADE: 11-12

CREDIT: 1

PREREQUISITE: TEACHER RECOMMENDATION

COURSE DESCRIPTION: AP Language will provide students with rigorous study in reading and analysis of prose essays written in a variety of periods, disciplines, cultural, and rhetorical contexts. Students will also familiarize themselves with the genres, authors, and literary movements in American fiction. Students will be writing extensively in the expository, analytical, argumentative, persuasive, personal, and reflexive modes while completing a senior assessment portfolio or junior scrimmage portfolio.

COURSE NAME: READING

COURSE #2305

GRADES: 9

CREDIT: 1

COURSE DESCRIPTION: Every student who enrolls in Reading will be tested to identify his/her reading level and skill weaknesses at that level. Each student will learn various strategies to improve reading comprehension, speed-reading, building vocabulary, and basic reading study skills.

COURSE NAME: CREATIVE WRITING AND ORAL COMMUNICATIONS

COURSE #2331

GRADES 10-12

CREDIT: 1

PREREQUISITE: A OR B IN PREVIOUS ENGLISH COURSE

COURSE DESCRIPTION: The creative writing section of this course focuses on the pre-writing, drafting, revising, editing, and publishing stages of the writing process. Students practice various types of writing including personal, literary, analytical, and transactive writing. The oral communications section of this course focuses on group discussion, formal speaking situations, formal debates, and the writing skills that accompany these methods of communication.

COURSE NAME: YEARBOOK AND NEWSPAPER PRODUCTION

COURSE # 2321

GRADES: 10-12

CREDIT: 1

PREREQUISITE: This class will meet after school. You must have transportation.

COURSE DESCRIPTION: The goal is to get our yearbook produced and marketed.... but there are a ton of things that students will learn on the way to that goal! Students will learn teamwork skills, organizational skills, personal responsibility, design and layout, Elite Vision Software, scanner operations, and more. Students will produce a school yearbook and newspaper.

HUMANITIES**COURSE NAME: DRAMATICS/ COMMUNICATIONS**

COURSE #2353

GRADES: 10

CREDIT: 1

COURSE DESCRIPTION: This course is designed as an introduction to drama. Drama/Communication students will study major types and styles of dramatic play productions. Students will explore the performance, production, and dramatic elements of plays. Stage performance and improvisations will serve to enhance pupils' understanding and appreciation of this art. Students will perform in a skit, monologue, one-act play, or video production, and they will be encouraged to perform in the school's talent show. Also, students will perform and perfect personal and professional communication skills including impromptu speaking, extemporaneous speaking, informative speaking, and sales skills.

COURSE NAME: DRAMATICS

COURSE #2351

GRADES: 11 & 10th Graders who will be at Vocational School Next Year CREDIT: 1

COURSE DESCRIPTION: Dramatics provides an advanced overview of the art, conventions, and history of theatre. Students will study major types, styles and historical periods of play production. Students will explore the performance, production, and drama elements of plays such as plot, character, theme, sound, lighting effects, makeup, scenery, costumes, and props. Stage performance and oral interpretation will serve to enhance pupils' understanding and appreciation of the works studied. Students will apply character development and acting skills learned to their performance in a skit, monologue, one-act play, or video production, and they will be encouraged to perform in the school's talent show. Students will help produce design elements including set, props, costumes, make-up, lights, and sound for the senior class play's production.

COURSE NAME: SENIOR ACTING/PERFORMANCE

COURSE: #2352

GRADE: 12**CREDIT: 1**

PREREQUISITE: AUDITION REQUIRED-AFTER SIGNING UP FOR THE CLASS, SEE MRS. GAMM FOR AN AUDITION TIME.

COURSE DESCRIPTION: Senior Dramatics students will study elements of performance, production, and drama. The emphasis will be on the "total" actor which will include characterization, motivation, etc. All elements of drama will be addressed and practiced: directing, lighting, sound, makeup, costumes, stage set designs, choreography, etc. Students will present a full-length musical play performance to the community and possibly to the high school. Students will also perfect their acting, singing, or dancing skills for possible performance in the school's talent show.

MATHEMATICS**COURSE NAME: ALGEBRA I**

COURSE #2710

GRADES: 9**CREDIT: 1****PREREQUISITE:** Preparatory Algebra

COURSE DESCRIPTION: Algebra 1 is a course that is required for all students. Students will study linear functions, equations, and graphing. Students will solve systems of linear equations and explore non-linear functions. Students will simplify exponential and polynomials expressions and perform operations in scientific notation.

COURSE NAME: HONORS ALGEBRA I

COURSE #2714

GRADES: 9**CREDIT: 1****PREREQUISITE:** C or Better in 8th grade Algebra

COURSE DESCRIPTION: Advanced Algebra is a study of functions, applications, statistics, and probability. Students will analyze and apply linear, exponential, and quadratic functions and model with real world data. The course is designed to prepare students for college level algebra.

COURSE NAME: GEOMETRY

COURSE #2712

GRADES: 9-10**CREDIT: 1****PREREQUISITE:** ALGEBRA I

COURSE DESCRIPTION: Geometry is designed for sophomores or above, who plan on attending college upon graduation. Geometry is the study of general relationships, triangles, quadrilaterals, other polygons and circles, congruence and similarity, measurements and transformations. Successful completion of Algebra 1 is required as a prerequisite for Geometry

COURSE NAME: HONORS GEOMETRY

COURSE #2719

GRADES: 9-10**CREDIT: 1****PREREQUISITE:** ALGEBRA I

COURSE DESCRIPTION: Geometry is designed for sophomores or above, who plan on attending college upon graduation. Geometry is the study of general relationships, triangles, quadrilaterals, other polygons and circles, congruence and similarity, measurements and transformations. Successful completion of Algebra 1 is required as a prerequisite for Geometry

COURSE NAME: ALGEBRA II

COURSE #2711

GRADES: 10-12**CREDIT: 1****PREREQUISITE:** GEOMETRY

COURSE DESCRIPTION: Algebra II is a study of functions, applications, statistics, and probability. Students will analyze and apply linear, exponential, and quadratic functions and model with real world data. The course is designed to prepare students for college level algebra.

COURSE NAME: HONORS ALGEBRA II

COURSE #2720

GRADES: 11-12**CREDIT: 1****PREREQUISITE:** GEOMETRY

COURSE DESCRIPTION: Algebra II is a study of functions, applications, statistics, and probability. Students will analyze and apply linear, exponential, and quadratic functions and model with real world data. The course is designed to prepare students for college algebra.

COURSE NAME: ALGEBRA III

COURSE #2715

GRADES: 10-12

CREDIT: 1

PREREQUISITE: ALGEBRA II OR HONORS ALGEBRA II

COURSE DESCRIPTION: Algebra 3 is designed to help students bridge the gap between high school graduation requirements and college algebra with an emphasis on ACT review. Students will study linear, quadratic, exponential, logarithmic, and trigonometric functions, systems of equations, direct and inverse variation, trigonometry, and polynomials.

COURSE NAME: PRE-CALCULUS

COURSE #2704

GRADES: 11-12

CREDIT: 1

PREREQUISITE: ALGEBRA III TEACHER RECOMMENDATION

COURSE DESCRIPTION: Pre-Calculus is designed to lay the groundwork for further study of mathematics at the college level. Curriculum covered includes polynomial, exponential, logarithmic, trigonometric and inverse trigonometric functions as well as an introduction into conic sections.

COURSE NAME: CALCULUS

COURSE #2708

GRADES: 12

CREDIT: 1

PREREQUISITE: PRE-CALCULUS

COURSE DESCRIPTION: This course is designed for students who will need a working knowledge of calculus or who want some background before taking a college-level calculus course. Topics include a brief review of Pre-calculus, and intuitive approach to the limit and continuity concepts; introduction to the derivative as slope and as a rate of change; introduction to the anti derivative (indefinite integral) and definite integral; and applications of the derivative and integral.

COURSE NAME: AP CALCULUS (This may be an on-line course)

COURSE #2721

GRADES: 12

CREDIT: 1

PREREQUISITE: PRE-CALCULUS

COURSE DESCRIPTION: This course is designed for students who will need a working knowledge of calculus or who want some background before taking a college-level calculus course. Topics include a brief review of Pre-calculus, and intuitive approach to the limit and continuity concepts; introduction to the derivative as slope and as a rate of change; introduction to the anti derivative (indefinite integral) and definite integral; and applications of the derivative and integral. **The purpose of this course is to prepare you for the AP Calculus exam given every May.**

MUSIC**COURSE NAME: BAND**

COURSE #2834 FEE: \$15.00

GRADES: 9-12

CREDIT: 1

PREREQUISITE: Member in middle school band that was in good standing at the end of the previous year (requirement for Freshman), audition, or permission from instructor.

COURSE DESCRIPTION: Student will be in this class an entire year. Participation in Concert Band, Pep Band, and any after school rehearsals and performances are mandatory. Students will also have an opportunity to be part of a Jazz Band, Solo & small Ensembles and In-door Percussion Ensemble that meets after school. Students can earn a credit to fulfill the Arts/Humanities requirement and will touch upon the visual and dramatic arts as well. Students will learn how to play an instrument; music theory, history, and technology; and performing in various ensembles. A student may earn up to 8 credits by taking this class.

COURSE NAME: HONORS BAND

COURSE #2835 FEE: \$15.00

GRADES: 9-12

CREDIT: 1

PREREQUISITE: Member in middle school band that was in good standing at the end of the previous year (requirement for Freshman), audition, and/or permission from instructor.

COURSE DESCRIPTION: Same as "BAND" course plus: taking private lessons, perform solo on concert, attend 2 concerts per semester outside school performances, arranging/composing a piece of music for a high school ensemble to perform. This course will meet preset state guidelines required for "vigorous" elective studies. **You must take private lessons to receive honors credit.** This class is offered simultaneously with the Band course.

COURSE NAME: MUSIC TECHNOLOGY

COURSE #2837

GRADES: 10-12

CREDIT: 1

PREREQUISITE: None

COURSE DESCRIPTION: This class would allow you to use technology to create, alter, and study music. The class will cover everything from composition, to jobs, history, and science.

SCIENCE

COURSE NAME: BIOLOGY

COURSE #2517

GRADE: 10

CREDIT: 1

PREREQUISITE: NONE

COURSE DESCRIPTION: This course is a required course that should be taken by any student that already had Integrated Science as a 9th grader. The course is designed to be a survey of life science topics such as cells, cellular transport, photosynthesis, cellular respiration, genetics, ecology, and how our world changes over time. The course requires class projects and laboratory exercises. Required for graduation.

COURSE NAME: COLLEGE PREP BIOLOGY

COURSE #2518

GRADE: 10

CREDIT: 1

PREREQUISITE: NONE

COURSE DESCRIPTION: The course focuses on the unity and diversity of life, the transformation of energy as applicable to the life sciences, interdependence of organisms and the record of changes of life forms and function over time. It fulfills the Biology requirement for graduation.

COURSE NAME: INTEGRATED SCIENCE

COURSE #2564

GRADE: 9

CREDIT: 1

PREREQUISITE: NONE

COURSE DESCRIPTION: This course should be taken as a 9th grade student or 10th grade student (if you had Biology during the 9th grade). The course is comprised of studies of physical properties, measurement, Newton's Laws, geologic time, solar systems, star formation, plate tectonics, and climate. The course includes laboratory experience and class projects. Required for graduation.

COURSE NAME: COLLEGE PREP INTEGRATED SCIENCE

COURSE #2565

GRADE: 9

CREDIT: 1

PREREQUISITE: NONE

COURSE DESCRIPTION: College prep integrated science course offers a more rigorous mathematical treatment of physical science concepts and the pace of the course is much more demanding than regular integrated science. Concepts include: scientific inquiry, measurement, light, sound, electricity, magnetism, force and motion, astronomy, geology, geochemical cycles, and geologic time.

COURSE NAME: COLLEGE PREP CHEMISTRY

COURSE #2522

GRADE: 11

CREDIT: 1

PREREQUISITE: Biology and Integrated Science

COURSE DESCRIPTION: This is a broad study and investigation of the structure and properties of matter. Class time is divided into approximately 75% lecture and 25% lab experience. Students should have a strong background in math, such as honors algebra or above.

COURSE NAME: CHEMISTRY

COURSE #2521

GRADE: 11

CREDIT: 1

PREREQUISITE: Biology and Integrated Science

COURSE DESCRIPTION: This course meets the Kentucky State requirement for Chemistry. It is recommended for students trying to fulfill their high school requirements. It also meets Tech Prep course requirements.

COURSE NAME: ADVANCED PLACEMENT CHEMISTRY (This could be an early bird course)

COURSE #2524

GRADE: 11-12

CREDIT: 1

PREREQUISITE: Completion of science requirements and a "B" or better average in Chemistry I and teacher recommendation.

COMMENT: Summer work is required.

COURSE DESCRIPTION: AP Chemistry is designed for students who want to continue an in depth study of chemistry. The curriculum is modeled upon a general college chemistry course and will cover all items on the national AP chemistry test. The AP chemistry exam is required of each student. A fee is charged for this exam. The student may receive college credit for their exam result, depending on the particular college.

COURSE NAME: ANATOMY & PHYSIOLOGY

COURSE #2510

GRADE: 11-12

CREDIT: 1

PREREQUISITE: Completion of science requirements. Biology, Integrated Science and Chemistry.

COURSE DESCRIPTION: This course is offered as an elective for the 11th or 12th grade student. This course is designed as a survey of the human body's structure and function, from embryonic development to maturity. This course includes laboratory experience, dissection, and class projects. This course may qualify for dual credit through Sullivan University. Lab fees used to obtain specimens for this class.

COURSE NAME: BIOLOGY II

COURSE #2516

GRADE: 11-12

CREDIT: 1

PREREQUISITE: Completion of science requirements. Biology, Integrated Science, Chemistry.

COURSE DESCRIPTION: You can earn college credit while here at OCHS!. This dual credit for this course is available if you meet the ACT or COMPASS requirements. This course begins with a brief overview of biological concepts, followed by a rigorous treatment of more advanced biochemical and anatomical topics. There is also dissection and laboratory experience included. Students will need to have taken the Compass test or ACT test in order to be eligible for college credit. The cost of the course (4 college hours) is estimated to be \$35 dollars plus lab fees.

COURSE NAME: ADVANCED PLACEMENT BIOLOGY (This could be an early bird course)

COURSE #2525

GRADE: 11-12

CREDIT: 1

PREREQUISITE: Completion of science requirements. Biology, Integrated Science and Chemistry. Teacher recommendation.

COURSE DESCRIPTION: The AP Biology class provides in-depth studies, laboratory investigations, individual projects and outside readings for students who have a sincere interest in biology. The concepts involve three broad areas: Molecular and cellular biology; organismal biology; and population biology. The AP biology exam is required for each student. A fee is charged for the exam. The student may receive college credit for their exam result, depending on the particular college.

COURSE NAME: PHYSICS

COURSE #2532

GRADES: 11-12

CREDIT: 1

C0-REQUISITE: Pre-Calculus

COURSE DESCRIPTION: Physics is the science, which gives a mathematical interpretation to everyday phenomena. This course is designed for a student with strong math and science background. Topics studied include velocity, acceleration, graphing, concurrent forces, light, sound, simple machines, harmonic motion, electricity, and magnetism. Laboratory experience is provided including CBL technology. A project with a technology component is required. This course may qualify for dual credit.

SOCIAL STUDIES**COURSE NAME: U.S. HISTORY I Founding of a New Nation to Imperialism**

COURSE #2219

GRADES: 9

CREDIT: 1

PREREQUISITE: NONE

REQUIRED FOR GRADUATION

COURSE DESCRIPTION: This introductory course will continue expanding the content and skills developed in previous social studies classes in the lower grades. The course will cover various aspects of the social sciences including geography, sociology, government, and economics. The former Social Studies class will now be incorporated into U.S. History in which students will compare and contrast the ways in which various Reconstruction plans were approached and evaluate the outcomes of Reconstruction, explain how the rise of big business, factories, mechanized farming and the labor movement impacted the lives of Americans, explain the impact of massive immigration after the Civil War, and explain and evaluate the impact of significant social, political and economic changes during the Progressive Movement.

COURSE NAME: U. S. HISTORY II World War I to Present

COURSE #2243

GRADES: 11

CREDIT: 1

PREREQUISITE: U.S. History I

REQUIRED FOR GRADUATION

COURSE DESCRIPTION: U.S. History II will pick up at the end of U.S. History I, and will cover content from World War I to the present. Students will evaluate how the Great Depression, New Deal policies and World War II transformed America socially and politically at home and reshaped its role in world affairs. Students will explain and give examples of how after WWII, America experienced economic growth, struggles for racial and gender equality, the extension of civil liberties, and conflict over political issues. Students will analyze how the United States participates with the global community to maintain and restore world, and evaluate the impact of these efforts. This class will be required by all Juniors. In this class, some sections of the previous social studies will also be taught including government, geography, and economics and applied to different aspects of American History.

COURSE NAME: AP AMERICAN HISTORY (ELECTIVE)

COURSE #2244

GRADES: 11-12

CREDIT: 1

PREREQUISITE: SOCIAL STUDIES AND CONSENT OF THE INSTRUCTOR

COURSE DESCRIPTION: The class is a survey course which covers U.S. History from the Colonial Period up through the present. It requires extensive chronological coverage and readings on a broad variety of topics in such special fields as economic history, cultural and intellectual history, social history, political-constitutional, and diplomatic history. Students are required to read extensively on their own and must be self-motivated to excel in an academic atmosphere.

(The class is designed to provide students with the analytical skills necessary to prepare students for intermediate and advanced college courses by demanding the same level of work and comprehension that he/she would receive in an introductory college course.

Students are required to assess historical materials – their relevance to a given interpretive problem, their reliability, and their importance – and to weigh the evidence and interpretations presented in historical scholarship. The student will be required to have a higher reading level than is average for high school students and must be able to write effectively in an essay format.)

COURSE NAME: WORLD CIVILIZATION

COURSE #2246

GRADES: 10

CREDIT: 1

PREREQUISITE: NONE

REQUIRED FOR GRADUATION

COURSE DESCRIPTION: This course traces the development of world events from 1500 to the present. Following a brief review of world history from the ancient to the medieval period, the course begins with the emergence of Early Modern Europe and traces the western world up through the 20th century. Major topics of study include: the Renaissance and Reformation (1300-1600), the Age of Exploration (1400-1700) the Age of Revolution (science, government, and industry and technology ---1600-1850), Colonialism (1800s), World War I (the European perspective ---1914-1920), the Rise of Totalitarian States (1917-1945), World War II (1939-1945), and the Cold War of the post-WWII era.

COURSE NAME: SPECIAL TOPICS IN SOCIAL STUDIES (ELECTIVE)

COURSE #2295

GRADES: 11-12

CREDIT: 1

PREREQUISITE: CONSENT OF INSTRUCTOR (must be signed by instructor)

COURSE DESCRIPTION: This course will continue expanding the content and skills developed in previous social studies classes during the freshman/ sophomore grades. The course will attempt to give a more in-depth perspective of particular issues and/or time periods in history. The class is designed for upper classmen, so it is strongly recommended that students will have successfully completed their 3 required social studies classes before taking this class.

(The class is designed to provide students with the analytical skills necessary to prepare students for intermediate and advanced college courses by demanding the same level of work and comprehension that he/she would receive in an introductory college course.

Students are required to assess historical materials – their relevance to a given interpretive problem, their reliability, and their importance – and to weigh the evidence and interpretations presented in historical scholarship. The student will be required to have a higher reading level than is average for high school students and must be able to write effectively in an essay format.)

NOTE: This is an elective credit and may NOT be used as one of the 3 required Social Studies credits necessary for graduation.

COURSE NAME: SOCIOLOGY (ELECTIVE)

COURSE # 2261

GRADES: 10-12

CREDIT: 1

PREREQUISITE: Consent on instructor (Must be signed by instructor)

COURSE DESCRIPTION: In this course students will explore various cultures and the beliefs, knowledge, institutions, tradition and skills shared by a group. We will also explore how different cultures address human needs. Social institutions such as government, economics, education, religion and family will be examined concerning how they respond to human needs, structure society and influence behavior. Social interactions among individuals and groups will also be explored.

NOTE: This is an elective credit and may NOT be used as one of the 3 required Social Studies credits necessary for graduation.

COURSE NAME: GEOGRAPHY ALIVE (ELECTIVE)

COURSE # 2262

GRADES: 10-12

CREDIT: 1

PREREQUISITE: Consent on instructor (Must be signed by instructor)

COURSE DESCRIPTION: Students will explore world climates, ecosystems, and world resources. They will also learn how to read a map for important geographic clues. Students will experience hands-on Geography lessons that improve students' geographic literacy. Using the TCI Approach, Geography Alive! Regions and People creatively will challenge students to use the tools of geography to view, analyze, and understand the world around them. Learn how to adapt materials and experiential learning scenarios to specific context and student needs.

NOTE: This is an elective credit and may NOT be used as one of the 3 required Social Studies credits necessary for graduation.

SPECIAL CLASSES

COURSE NAME: BASIC JUDO

COURSE #3007

GRADES 9-12

CREDIT: 1

PREREQUISITE: STUDENTS MUST HAVE A "C" AVERAGE, PHYSICAL EXAM, AND A SIGNED "LIABILITY WAIVER".

COURSE DESCRIPTION: STUDENTS MUST STAY AFTER SCHOOL EVERY TUESDAY AND THURSDAY FROM 3:00-6:00, AND COMPETE IN A MINIMUM OF ONE TOURNAMENT. Student will learn the following: Japanese vocabulary, history of judo, scoring system, Japanese customs in relationship to competitive judo, write a portfolio entry, and read the novel The Tale of Genji or Hiroshima. Students will be expected to master the following: breakfalls, 4 pens, turnovers & escapes, 10 throws & counters, 2 armlocks & escapes, 5 chokes & escapes, cartwheels, handstands, etc.

COURSE NAME: PEER TUTORING

COURSE #3001

GRADES 11-12

CREDIT: 1

PREREQUISITE: NONE

COURSE DESCRIPTION: Peer tutoring classes offer the typical student an opportunity to learn a variety of interactive skills that may not be addressed in general education classes. Specifically, peer tutors acquire basic principles of learning which are essential in many aspects of everyday life, whether it be parenting, working, or teaching. Additionally, peer tutors learn systematic instruction teaching techniques, read about issues pertaining to individuals with disabilities, and learn about the various career opportunities available for working with individuals with disabilities. More importantly, peer tutors have frequent, sustained, interactions with persons with moderate and severe disabilities, and as a result, become less apprehensive of interacting with persons with disabilities, become more sensitive to their needs, and become more aware of social justice and human value issues. To apply for this class, the **student must apply and interview with the OCHS FMD teacher before the previous semester ends.** **Student must have a GPA of at least 2.5.**

COURSE NAME: STLP CO-OP

COURSE #3004 and #3006

GRADE: 11-12

CREDIT: 1

PREREQUISITE: **Must be recommended or interview by technology employees (currently Mr. Duncan or Mrs. Cornette) Only 3 students will be accepted.**

COURSE DESCRIPTION: This course is more of an independent study/aide project. You will be a technology assistant to a teacher. STLP students will assist teachers and students in various technology projects. For example, 1999-2000 STLP students developed and maintained the school website. Special permission is needed to take this course.

COURSE NAME: WORK EXPERIENCE I

COURSE #3003

GRADES: 12

CREDIT: 1

PREREQUISITE: Upper level course related to career major. **2.5 GPA required**

COURSE DESCRIPTION: This course allows students to get experience at a work site related to his/her career major. The student goes to the work site during one block each day and may earn 1 credit per semester. This may be a paid or nonpaid position. Student must work out of a class. (For example, a student working at the hospital may co-op out of Anatomy.) This is an excellent opportunity for transition from school to work. The candidate must be a senior and have a GPA of 2.5 or higher. The student must provide his or her own transportation and have record of current health and auto insurance.

COURSE NAME: ECONOMICS (Café Rebel) This is an early bird class (before school)

COURSE #5922

GRADES: 11-12

CREDIT: 1

PREREQUISITE: **Instructor Approval-Mrs. O'Toole**

COURSE DESCRIPTION: This program is a student centered work program that will enable students to learn functional, transitional, and vocational skills via a school based business. This class will enable students to understand and manage inventory, finances and scheduling.

COURSE NAME: CADET TEACHING

COURSE # 996

GRADES: 11-12

CREDIT: 1

PREREQUISITE: This course is only for students planning to pursue a career in teaching. **2.5 GPA required**

COURSE DESCRIPTION: Course Description: Students interested in becoming a teacher or learning more about the education field will have a chance to learn about the daily requirements of a teacher and have a chance to go out and teach under teachers in their field of interest from the kindergarten through Middle School age groups. **Student should have the ability to provide transportation.**

ON-LINE COLLEGE COURSES**COURSE NAME: ANT 100 CULTURAL ANTHROPOLOGY**

COURSE #994

GRADE: 11 or 12

CREDIT: 1

PREREQUISITE: You must have a composite score of **20 or higher** on the ACT or PLAN and a **3.25 GPA**. The cost of the course is \$125.

COURSE DESCRIPTION: The definition and nature of culture, its content and structure (e.g. kinship, politics, and religion); basic field methods; emphasis on non-western cultures. This course fulfills a general education requirement in behavioral sciences or non-western perspective.

COURSE NAME: PSC 100 AMERICAN POLITICS

COURSE #995

GRADE: 11 or 12

CREDIT: 1

PREREQUISITE: You must have a composite score of **20 or higher** on the ACT or PLAN and a **3.25 GPA**. The cost of the course is \$125.

COURSE DESCRIPTION: An overview of national government in the U.S.: decision-making process, government structure, and politics. This course fulfills a general education requirement in social sciences.

CARROLL COUNTY AREA TECHNOLOGY CENTER

COURSE NAME: HEALTH SCIENCES I and II

COURSE #5314 and #5315

GRADES: 11-12

CREDIT: 3

PREREQUISITE: NONE

COURSE DESCRIPTION: This program provides exploration of many health fields. It provides information enabling the student to set realistic occupational goals suitable to the student's study of basic health subjects. The student also investigates the many health occupations and opportunities available in the health field. The regular classroom work is supplemented by guest speakers in health related matters, tours to hospitals, nursing homes, and other health facilities, and by laboratory experience. After the student reaches an acceptable level of performance in the school laboratories, the student participates in selected activities in a live situation. The student, under the close supervision of the certified vocational instructor, utilizing the training facilities of local hospitals, nursing homes and other local health agencies.

COURSE NAME: AUTOMOTIVE TECHNOLOGY I and II

COURSE #5052 and #5064

GRADES: 11-12

CREDIT: 3

PREREQUISITE: NONE

COURSE DESCRIPTION: This program provides the fundamentals on automotive systems. Upon completion of the basic theory and practical application in all systems, each student is offered the opportunity for further practice in areas of specialization. Manufacturer's specifications, federal regulations, and standards such as those required to meet the EPA's emissions testing programs are included. The National Institute certifies this program for Automotive Service Excellence. The cooperative education program is available as part of this course.

COURSE NAME: CARPENTRY I and II

COURSE #5131 and #5135

GRADES: 11-12

CREDIT: 3

PREREQUISITE: NONE

COURSE DESCRIPTION: This program provides training in residential construction. The student will study the tools, building materials, ethics, and history of the trade. Students will have the opportunity to obtain the skills and knowledge pertinent to site layout, foundation work, rough framing, roof framing, and roofing as well as exterior and interior finish work. A practical mix of classroom theory and "job site" hands on experience is offered throughout the course. Related classes provided are blueprint reading, mathematics, and estimating jobs for time and materials. The cooperative education program is available as part of this course.

COURSE NAME: WELDING I and II

COURSE #5543 and #5559

GRADES: 11-12

CREDIT: 3

PREREQUISITE: NONE

COURSE DESCRIPTION: This program provides instruction in oxyacetylene cutting, oxyacetylene welding, shielded metal arc welding, gas tungsten arc welding, gas metal arc welding, brazing, soldering, plazma arc cutting. The student is taught to identify and use various types of welding equipment. Techniques in fabricating and assembling metal parts are part of the course. During the program, both ferrous and non-ferrous metals are used with most of the welding processes. The cooperative education program is available as part of this course.

COURSE NAME: OFFICE TECHNOLOGY

COURSE #5471

GRADE: 11-12

CREDIT: 3

COURSE DESCRIPTION: This office technology program provides training in preparing business documents, transcribing data, managing records, handling communications, scheduling, handling financial transactions, operating a variety of business equipment, ordering, and supervising other personnel. A wide range of computer equipment and software may be used in performing these tasks.

COURSE NAME: MAINTENANCE TECHNOLOGY I and II

COURSE #2713 and #5361

GRADE: 11-12

CREDIT: 3

COURSE DESCRIPTION: This program introduces students to the techniques and procedures used to maintain industrial equipment. Shadowing experiences and cooperative education opportunities are available as an integral part of the course. Specific courses have been identified for articulation in the Industrial Maintenance Technician diploma programs at Kentucky Tech post-secondary institutions, as well as the Associate Degree program in Industrial and Engineering Technology at Jefferson Community College.

COURSE NAME: INDUSTRIAL CHEMICAL TECHNOLOGY

COURSE #5333 and #5056

GRADE: 11-12

CREDIT: 3

COURSE DESCRIPTION: The intent of this program is to train students for entry-level operator positions in the refining, chemical, and petro-chemical industries. This program is also an excellent basin for students wishing to pursue a career in Chemistry or Chemical Engineering. Shadowing experiences and industrial internships for qualified students are available as an integral part of the course. Specific courses have been identified for articulation into the Associate Degree program in Chemical Technology at Jefferson Community College and with certificate and diploma programs at other KCTCS institutions.

COURSE NAME: **NETWORKING TECHNOLOGY I and II**

COURSE #5175 and #5448

GRADE: **11-12**

CREDIT: **3**

COURSE DESCRIPTION: This program will provide classroom and laboratory experiences in the use, theory, troubleshooting, and repair of industrial electronics equipment, data processing equipment and the measurement and control of industrial processes and equipment. Shadowing experiences and cooperative education opportunities are available as an integral part of the course. Specific courses have been identified for articulation with certificate and diploma programs at Kentucky Tech post-secondary institutions, as well as the Associate Degree program in Industrial and Engineering Technology at Jefferson Community College.

. DISTANCE LEARNING

***A variety of courses will be available through KVHS or KET through the Internet. Students with incomplete schedules who need to take a course not offered on OCHS's campus, should register for DISTANCE LEARNING and will be contacted by a school counselor for further specific course options.**

OWEN COUNTY HIGH SCHOOL

**COURSE OFFERINGS
WITH
DESCRIPTIONS**

2008-2009

