

VPAM (Visual & Performing Arts Academy).

BIT (Business & Informational Tech Academy).

LEHH (Law, Education, Health and Human Services Academy).

STEM (Science, Technology, Engineering and Math).

GLOBAL

The school of Visual/Performing Arts and Media (VPAM) will appeal to Artistic students who are interested in jobs such as composer, musician, stage director, writer, journalist, interior decorator, or actor/actress. These students are interested in developing their abilities in dancing, writing, performing music, and creating art. Artistic students are often expressive, idealistic, imaginative, independent, introspective, intuitive, nonconforming, open, and original.

The school of Science, Technology, Engineering and Math (STEM) will appeal to Realistic students who are interested in jobs such as engineer, automobile technician, aircraft controller, surveyor, farmer, or electrician; as well as Investigative students who are interested in jobs such as biologist, chemist, physicist, anthropologist, geologist or medical technologist. These students are interested in developing their mechanical, mathematical, and scientific abilities. Realistic and investigative students are often frank, genuine, honest, humble, modest, natural, persistent, practical, shy, and thrifty.

The school of Law, Education, Health and Human Services (LEHH) will appeal to Social students who are interested in helping jobs such as teacher, lawyer, religious worker, counselor, interpreter, clinical psychologist, doctor, nurse, psychiatric case worker, or speech therapist. These students often have good social skills and talents. Social students are often convincing, cooperative, friendly, generous, helpful, idealistic, kind, patient, responsible, sympathetic, tactful, understanding and warm.

The school of Business and Information Technology (BIT) will appeal to enterprising students who are interested in jobs such as salesperson, manager, business executive, marketing specialist, television producer, sports promoter, or buyer; and Conventional students who are interested in jobs such as computer technician, bookkeeper, stenographer, financial analyst, banker, cost estimator, or tax expert. These students often demonstrate good leadership and speaking abilities are organized and have good math skills. They are also inquisitive, adventurous, agreeable, ambitious, energetic, extroverted, impulsive, optimistic, self-confident orderly, persistent, practical and thrifty.

The Global Academy is designed for flexibility in student's schedules due to course selection. Students opting to register for courses such as Advanced Placement or other classes that normally have only one or two sections fall into this category. Courses will still be designed with rigor and relevance, but may not have career themes. Student still may choose any elective offering for consideration and also may consider taking core courses in any of the four academies.

GCHS COURSE DESCRIPTIONS 2009-2010

COURSE TITLE: English IA/English I GRADE LEVEL: 9

PREREQUISITES: none CREDIT: 1

COURSE DESCRIPTION:

This course focuses on writing skills development, personal and creative writing, a survey of specified types of literature, and the study of the novel and Shakespearean tragedy.

COURSE TITLE: English II GRADE LEVEL: 10

PREREQUISITES: English IA/English I CREDIT: 1

COURSE DESCRIPTION:

This course focuses on writing skills development, position/argument paper writing, a survey of specified types of literature, and the study of the novel and Shakespearean tragedy.

COURSE TITLE: World Studies GRADE LEVEL: 10

PREREQUISITES: English I CREDITS: 2

COURSE DESCRIPTION:

The purpose of World Studies is to integrate the content of **English II** and **Arts & Humanities** so that each course is supported and extended by the other in a deliberate way. Combined units of study and activity would provide opportunities for students to understand and development of art, literature, philosophy, and religion across cultures and over time.

COURSE TITLE: English III GRADE LEVEL: 11

PREREQUISITES: English II CREDIT: 1

COURSE DESCRIPTION:

This course focuses on the development of higher level writing skills, research, creative and personal writing, a survey of American literature, and the study of the novel and American drama.

COURSE TITLE: Advanced Placement English III-Language & Composition GRADE LEVEL: 11

PREREQUISITES: A or B in CP English II and/or teacher recommendation CREDITS: 2

COURSE DESCRIPTION:

This is an advanced-level course that prepares students to take the Advanced Placement Test in Language and Composition in May for college credit. Emphasis is placed on the analysis of the types and purposes of writing, particularly essays. Study also includes major American writers and research techniques.

COURSE TITLE: English IV GRADE LEVEL: 12

PREREQUISITES: English III CREDIT: 1

COURSE DESCRIPTION:

This course focuses on writing portfolio production, a survey of British literature, and the study of the novel and Renaissance drama.

COURSE TITLE: Advanced Placement English IV-Literature & Composition GRADE LEVEL: 12

PREREQUISITES: A or B in CP English III and/or teacher recommendation CREDITS: 2
or, A, B, or C in AP English III and/or teacher recommendation

COURSE DESCRIPTION:

This course focuses on interpretations and critical analysis of selected works of British literature. Essay writing is emphasized. Oral presentation, vocabulary development, in-depth out-of-class reading, and college prep study and note-taking skills are also part of the course. Upon completion of this course students will be prepared to take the AP English Literature exam for college credit.

COURSE TITLE: Acting GRADE LEVEL: 10-12

PREREQUISITES: none CREDIT: 1

COURSE DESCRIPTION:

Students will begin to learn the craft of acting, of creating specific emotions in specific situations and interpreting a text for a performance; they will analyze their peers' performances, helping one another to improve as actors.

COURSE TITLE: College Readiness GRADE LEVEL: 11-12

PREREQUISITES: none CREDIT: 1

COURSE DESCRIPTION:

This course will focus on grammar, reading, scientific/analytical, and mathematical skills that will prepare students for college entry, as well as admission and scholarship essay-writing, among other college readiness skills.

COURSE TITLE: Communications 181-Basic Public Speaking GRADE LEVEL: 11-12

PREREQUISITES: ACT score of at least 21 in Reading and 18 in English CREDIT: 1
and admission to ECTC (see counselor for application)

COURSE DESCRIPTION:

This course is designed to give the students platform experience in the fundamentals of effective speaking. Three hours of college credit from Elizabethtown Community & Technical College will be awarded for this class, as well as, one high school credit. The cost of the course is \$182 plus the cost of a book.

COURSE TITLE: Creative Writing I GRADE LEVEL: 9-12

PREREQUISITES: none CREDIT: 1

COURSE DESCRIPTION:

This course is intended for those who express themselves best through writing and who want to pursue a study that will place top priority on imagination and originality. Equal emphasis will be given to the mechanics of producing a variety of literary forms – short stories, poems, plays, etc.

COURSE TITLE: English 101 GRADE LEVEL: 12

PREREQUISITES: ACT score of at least 21 in Reading and 18 in English CREDIT: 1

COURSE DESCRIPTION:

Focuses on academic writing. Provides instruction in drafting and revising essays that express ideas in Standard English, including reading critically, thinking logically, responding to texts, addressing specific audiences, researching and documenting sources. The cost of the course is \$182.

COURSE TITLE: English 102 GRADE LEVEL: 12

PREREQUISITES: English 101 CREDIT: 1

COURSE DESCRIPTION:

Argumentative writing. Emphasis on development of a fluent, precise, and versatile prose style. Continued instruction and practice in reading critically, thinking logically, responding to texts, developing research skills, writing substantial essays through systematic revisions, addressing specific audiences, and expressing ideas in standard and correct English. The cost of the course is \$182.

COURSE TITLE: Journalism I GRADE LEVEL: 10-12

PREREQUISITES: A or B in English and teacher approval CREDIT: 1

COURSE DESCRIPTION:

Students will explore the basic foundations of mass communication: newspapers, books, magazines, television, radio, and cyberspace. Other topics discussed will include the media's role and influence, press freedoms, public relations, advertising, photography, and job opportunities. This class also creates and publishes the GCHS newspaper.

COURSE TITLE: Journalism II GRADE LEVEL: 10-12

PREREQUISITES: Journalism I and teacher approval CREDIT: 1

COURSE DESCRIPTION:

Journalism II (and III and IV) will focus solely on the creation and publication of the GCHS newspaper. Possible positions include editors, feature writers, reporters, columnists, cartoonists, photographers, and sales staff.

COURSE TITLE: Reading Strategies GRADE LEVEL: 10-12

PREREQUISITES: current IEP with reading and/or writing goals, *or* English teacher recommendation *or* Tech-Based Reading CREDIT: 1

COURSE DESCRIPTION:

The course is designed with a focus on reading strategies to improve comprehension and decoding skills. Technology-based reading will be incorporated into this course.

COURSE TITLE: Science Fiction and Fantasy GRADE LEVEL: 9-10

PREREQUISITES: none CREDIT: 1

COURSE DESCRIPTION:

This course covers representative selections from modern science fiction and fantasy, as well as an overview of the history, cultural impact, and social importance of the genre. Authors covered will include Bradbury, Lewis, Tolkien, and Crichton, among others. Some attention will also be given to genre films such as "Star Wars," "Willow," and "Forbidden Planet."

COURSE TITLE: Technology-Based Reading GRADE LEVEL: 9

PREREQUISITES: high school recommendation CREDIT: 1

COURSE DESCRIPTION:

Technology-Based Reading is a comprehensive reading intervention program designed for improving student reading. Students participate in computer based reading activities and select materials from an in-class library. The class duration is 90 minutes; however, the time seems abbreviated because of constant rotations. The instruction allows students to become confident, successful readers.

COURSE TITLE: Health GRADE LEVEL: 9

PREREQUISITES: none CREDIT: .5

COURSE DESCRIPTION:

This course will present material high school students need in order to understand how to become and stay healthy. This course will stress wellness and decision-making skills. It teaches skills necessary to develop behaviors that promote healthy lifestyles. Topics include AIDS prevention, death and dying, drug abuse prevention, nutrition, first aid, fitness, and diseases and disorders.

COURSE TITLE: Physical Education I GRADE LEVEL: 9

PREREQUISITES: none CREDIT: .5

COURSE DESCRIPTION:

This class is designed to promote physical wellness and enhance physical skills as well as knowledge of sports rules and regulations. Daily fitness walking is incorporated in the course. Activities include volleyball, teamball, basketball, table tennis, softball, and bowling.

COURSE TITLE: Physical Education II GRADE LEVEL: 10-12

PREREQUISITES: PE I CREDIT: .5

COURSE DESCRIPTION:

This class is designed to develop decision-making skills and promote physical wellness as well as group interaction. As in PE I, this course incorporates a daily fitness activity. Activities include advanced levels of volleyball, basketball, teamball, badminton, table tennis, softball, and bowling.

COURSE TITLE: Advanced Physical Education GRADE LEVEL: 11-12

PREREQUISITES: none CREDIT: .5

COURSE DESCRIPTION:

This course is designed to take the student into a higher level of activity, which includes skill analysis such as dribbling and shooting a basketball, racquet swing, or passing a volleyball, etc. Emphasis will be given in movement patterns (e.g. space awareness, ready position, backswing and follow through) that can be used to detect and correct errors in performance.

COURSE TITLE: School Health Issues GRADE LEVEL: 10-12

PREREQUISITES: none CREDIT: .5

COURSE DESCRIPTION:

This course is designed to take a in-depth look at school health issues. It will focus on school atmosphere, student-based needs (for example, relationships), and the “new” family structure of the 21st century. Different projects will be utilized to gather current overall school health status. Such projects will be constructed and designed to improve the overall wellness of our student population.

COURSE TITLE: Weightlifting/Fitness GRADE LEVEL: 10-12

PREREQUISITES: PE I CREDIT: .5

COURSE DESCRIPTION:

In this course students will be introduced to very intense strength development programs in which they will lift 5 days per week. Students will also perform some type of cardiovascular, aerobic fitness training daily. Students will learn techniques to increase muscle strength and tone, as well as, methods to reduce body fat, and nutrition.

COURSE TITLE: Advanced Weightlifting GRADE LEVEL: 9-12

PREREQUISITES: teacher approval CREDIT: 1

COURSE DESCRIPTION:

Students will use a variety of advanced weightlifting techniques designed to develop specific muscle groups and also as a preventive means from specific sports injuries. Students will also participate in sport specific conditioning exercises.

COURSE TITLE: Algebra I GRADE LEVEL: 9

PREREQUISITES: none CREDIT: 1

COURSE DESCRIPTION:

Algebra I is the entry-level mathematics class for high school students. It addresses algebra core curriculum required by the state of Kentucky. Topics include ratio/proportion, linear expression, linear equations and inequalities, linear functions, polynomials, systems of equations, exponential/quadratic functions, probability and statistics, matrices, and graphing calculator activities.

COURSE TITLE: Accelerated Algebra I GRADE LEVEL: 9

PREREQUISITES: A or B in 8th grade Algebra (non-credit) *or*
A in 8th grade math and teacher recommendation CREDIT: 1

COURSE DESCRIPTION:

Accelerated Algebra I is the entry-level math course for exceptionally gifted math students. It is designed for those students planning to take AP Calculus as a 12th grade student and/or planning to pursue a math/science related career. Content will include all Algebra I core content as mandated by the state of Kentucky. Topics include the same as Algebra I and other selected topics. The course has been designed to maintain a rigorous structure with daily class work/homework to be completed in a timely manner. It is strongly recommended that a student purchase a graphing calculator. (TI-83 Plus, TI-84 Plus, or TI-Nspire)

COURSE TITLE: Math Strategies GRADE LEVEL: 9

PREREQUISITES: high school recommendation CREDIT: 1

COURSE DESCRIPTION:

Math Strategies is a course designed to help students with math concepts. Topics will include calculator activities, math facts, simple equations, geometry, probability and statistics, and applications of decimals, fractions, and percents. This course will be taken in conjunction with Algebra I. Successful completion will result in an elective credit.

COURSE TITLE: Geometry GRADE LEVEL: 9

PREREQUISITES: 1 credited earned in Algebra I at the middle school level CREDIT: 1

COURSE DESCRIPTION:

Geometry is an entry-level math course for exceptionally gifted math students. It is for those students planning to take AP Calculus as a 12th grade student and/or planning to pursue a math/science related career. It will fulfill the minimum state requirement for geometry core curriculum. Topics include geometric constructions, inductive/deductive reasoning, a variety of geometric definitions, planar figures, coordinate geometry, transformations, congruence, similarity, and concepts involving two and three-dimensional figures.

COURSE TITLE: Algebra I GRADE LEVEL: 10-12

PREREQUISITES: none CREDIT: 1

COURSE DESCRIPTION:

Algebra I addresses algebra core curriculum required by the state of Kentucky. Topics include ratio/proportion, linear expression, linear equations and inequalities, linear functions, polynomials, systems of equations, exponential/quadratic functions, probability and statistics, matrices, and graphing calculator activities.

COURSE TITLE: Geometry GRADE LEVEL: 10-12

PREREQUISITES: Grades 11 and 12 – Algebra I, Part A
Grade 10 – Algebra I CREDIT: 1

COURSE DESCRIPTION:

This course will fulfill the minimum state requirement for geometry core curriculum. Topics include geometric constructions, inductive/deductive reasoning, a variety of geometric definitions, planar figures, coordinate geometry, transformations, congruence, similarity, and concepts involving two and three-dimensional figures.

The carpentry teacher will register students for this course

COURSE TITLE: Construction Geometry GRADE LEVEL: 11 & 12

PREREQUISITES: Algebra IA and take simultaneously with Carpentry II
(must complete Carpentry III to earn this credit) CREDIT: 1

COURSE DESCRIPTION:

Construction Geometry is designed for those students taking the 5-semester sequence of carpentry, where the geometry content is an integral part of the course. The student must complete Carpentry III and can not co-op to earn the geometry credit. The course is designed for students who plan to enter the work force immediately after high school graduation. Geometric topics include, but are not limited to: points, lines, planes, angles, planar figures, similarity, congruence, and transformations. Many activities involving real-world applications are incorporated into the class. The teaching strategies in the class are geared toward using math manipulatives, calculators, hands-on learning, and having more time on task.

COURSE TITLE: Applied Algebra II GRADE LEVEL: 10-12

PREREQUISITES: Algebra IB and Geometry CREDIT: 1

COURSE DESCRIPTION:

Applied Algebra II is designed for students who are not planning to pursue a math/science related career. It will fulfill the Algebra II graduation requirement mandated by the state. Topics include the same topics as Algebra II. Emphasis will be placed on applications of algebra in real life context.

COURSE TITLE: Algebra II GRADE LEVEL: 10-12

PREREQUISITES: Algebra IB and Geometry CREDIT: 1

COURSE DESCRIPTION:

It is strongly recommended the student purchase his/her own graphing calculator. (T1-83 or T1-84) Algebra II is designed for students planning to attend college or pursue a technical/vocational career. Topics include linear, quadratic, polynomial, exponential, logarithmic, and rational functions; matrix operations, complex numbers, systems of equations and inequalities, linear programming, sequences and series, and probability and statistics.

COURSE TITLE: Dual Credit College Algebra GRADE LEVEL: 11-12

PREREQUISITES: Algebra II and ACT math score of at least 19, paid tuition CREDIT: 1

COURSE DESCRIPTION:

This course develops manipulative algebraic skills required for successful calculus study. Topics include: linear equations, quadratic equations, midpoint and distance formulas, writing equations of lines, conic sections, function and characteristics, operations on functions, inverse functions, exponential and logarithmic equations, systems of two equations in two unknowns.

COURSE TITLE: Precalculus GRADE LEVEL: 11-12

PREREQUISITES: Algebra II CREDIT: 1

COURSE DESCRIPTION:

The use of a graphing calculator is emphasized in this course; therefore, a student should have his/her own graphing calculator. The course is designed for students planning to attend a post-secondary school and pursuing a math/science related career. Topics include polynomial, exponential, and logarithmic functions; probability and statistics, sequence and series; and a major focus on trigonometric operations and functions.

COURSE TITLE: Pre-College Math GRADE LEVEL: 12

PREREQUISITES: Algebra II CREDIT: 1

COURSE DESCRIPTION:

This course includes the concepts of ratio and proportion, units and conversions, linear equations in two variables, inequalities, graphing and writing equations of lines, percents, interest, descriptive statistics, and logical symbolism. Emphasis is on applications in the various technologies. It is for the student pursuing a college degree or a technical/vocation career. Readiness for college level courses will be based on an online test developed by the Kentucky Online Testing (KYOTE) project. With acceptable scores on this test, the student is guaranteed placement into a college-level mathematics class at ECTC provided they are admitted to ECTC within a year of completing this course. The goal for this course is to reduce the need for remedial course(s) when beginning college.

COURSE TITLE: Advanced Placement Calculus AB GRADE LEVEL: 12

PREREQUISITES: Pre-Calculus CREDITS: 2

COURSE DESCRIPTION:

A student taking this course is **required** to have his his/her own graphing calculator. AP Calculus is designed for students who plan to study mathematics in post-secondary education or pursue a math/science related career. This course follows the curriculum established by the College Board. Topics include all types of functions, limits, differentiation, integration, applications, and slope fields. This class is taught both semesters of the year and students taking this course are expected to complete both semesters of study.

COURSE TITLE: College Prep Integrated Science GRADE LEVEL: 9

PREREQUISITES: none CREDIT: 1

COURSE DESCRIPTION:

This course is designed to introduce students to the topics associated with Earth Science in addition to scientific ways of thinking. Specific topics investigated are the scientific method, the nature of matter, physics, plate tectonics, earth's history, astronomy, weather, climate and environmental issues.

COURSE TITLE: College Prep Biology I GRADE LEVEL: 9-10

PREREQUISITES: none CREDIT: 1

COURSE DESCRIPTION:

CP Biology I is an introductory course to the biological sciences. Included topics are ecology, cell studies, mitosis and meiosis, genetics, virus, bacteria, study of various animals, and classification.

COURSE TITLE: College Prep Chemistry I GRADE LEVEL: 10-11

PREREQUISITES: Biology CREDIT: 1

COURSE DESCRIPTION:

CP Chemistry I is the study of matter and energy and the effects they have on one another. This includes element, compounds, mixtures, acids, and bases. The class is centered around labs and performance tasks which are directly related to the subject.

COURSE TITLE: Anatomy and Physiology GRADE LEVEL: 11-12

PREREQUISITES: B or higher in CP Biology and, either CP Chemistry I or Concurrent with CP Chemistry I CREDIT: 1

COURSE DESCRIPTION:

This course takes the student through the 10 basic systems of the body. Students will be expected to know the structures and functions of those systems. This is an excellent course for nursing students or students with any kind of medical career in their future.

COURSE TITLE: Biology II GRADE LEVEL: 10-12

PREREQUISITES: C or higher in Biology I CREDIT: 1

COURSE DESCRIPTION:

This course will give students a basic understanding of the living world. Subjects studied will include methods of scientific inquiry, biochemistry, cell structure and function, cell division, DNA and heredity, genetics, ecology and change over time.

COURSE TITLE: Chemistry II GRADE LEVEL: 11-12

PREREQUISITES: C or higher in both CP Chemistry I and Geometry CREDIT: 1

COURSE DESCRIPTION:

The course is an in depth study of matter, energy, and their interactions. Specific items include a basic review of Chemistry I, emphasis on chemical reactions and equilibria, elements and isotopes, solutions, acids and bases, kinetics, chemical bonding and molecular shapes, and an introduction to thermodynamics. Labs are included to support concepts by application.

COURSE TITLE: Forensic Chemistry GRADE LEVEL: 11-12

PREREQUISITES: Chemistry I CREDIT: 1

COURSE DESCRIPTION:

This is an introductory course which involves the students in some of the main concepts used in solving criminal cases. It is designed around labs which include fingerprinting, blood typing, pgm (DNA) testing, paint analysis and gun residues.

COURSE TITLE: Physics GRADE LEVEL: 11-12

PREREQUISITES: C or better in Algebra II and completed or concurrent with Pre-Calculus CREDIT: 1

COURSE DESCRIPTION:

This course covers the basic concepts of Physics with emphasis on problem solving and mathematical applications. Topics covered are mechanics, work, power and simple machines, thermal energy, gas laws and states of matter, the atom, and nuclear applications.

COURSE TITLE: Advanced Placement Biology GRADE LEVEL: 11-12

PREREQUISITES: CP Chemistry I and teacher approval CREDITS: 2

COURSE DESCRIPTION:

This course is a continuation of life science with an in-depth study of plants, animals, bacteriology, molecular biology, genetics, biochemistry, and field studies. Complex labs support these college-level concepts and performance tasks are completed that are directly related to class material.

COURSE TITLE: Advanced Placement Environmental Science GRADE LEVEL: 10-12

PREREQUISITES: Algebra I and Biology CREDITS: 2

COURSE DESCRIPTION:

This course is designed to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them.

COURSE TITLE: Freshman Social Studies Seminar GRADE LEVEL: 9

PREREQUISITES: none CREDIT: 1

COURSE DESCRIPTION:

This course will present topics in American government, citizenship skills, constitutional freedoms, and economics.

COURSE TITLE: AP Human Geography GRADE LEVEL: 9
PREREQUISITES: permission sheet signed by student's parents , CREDIT: 2
A or B in 8th grade Social Studies and 8th grade Social Studies teacher recommendation **and**,
A or B in 8th grade English class and 8th grade English teacher recommendation

COURSE DESCRIPTION:

The purpose of the AP course in Human Geography is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the earth's surface. Students employ spatial concepts and landscape analysis to analyze human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice.

COURSE TITLE: AP Human Geography GRADE LEVEL: 10-12
PREREQUISITES: permission sheet signed by student's parents , CREDIT: 2
A or B in FSS and recommendation of FSS teacher and,
A or B in English and recommendation of student's current English teacher

COURSE DESCRIPTION:

The purpose of the AP course in Human Geography is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the earth's surface. Students employ spatial concepts and landscape analysis to analyze human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice.

COURSE TITLE: World Civilization GRADE LEVEL: 9-10
PREREQUISITES: none CREDIT: 1

COURSE DESCRIPTION:

World Civilization is planned to give the student a broad overall look at man's development from the earliest cave existence to the present century. The emphasis is modern history – from the 1500's to the present and the people that have developed and shaped our world.

COURSE TITLE: Human Geography GRADE LEVEL: 10-11
PREREQUISITES: Freshman Social Studies CREDIT: 1

COURSE DESCRIPTION:

This course will focus on both the human aspect of geography as well as the culture of various societies. Some topics to be covered are the advantages and disadvantages of the physical characteristics of a region, the limits of the physical environment, the availability of natural resources, the effects of natural disasters, the effects of human migration and the role of technology in communities. The cultural aspects of geography such as stereotypes of people in particular regions, conflicting views of various ethnic groups, and the functions of culture in society will be covered. Also the philosophies, religions, values and behaviors of particular groups as well as different cultural institutions and social interactions will be addressed.

COURSE TITLE: United States History Since 1865 GRADE LEVEL: 11
PREREQUISITES: none CREDIT: 1

COURSE DESCRIPTION:

This **required** course will provide a survey of the political, cultural, social, and economic development of the United States from 1865 through the present.

COURSE TITLE: Military History GRADE LEVEL: 12

PREREQUISITES: FSS, World Civ, and US History CREDIT: 1

COURSE DESCRIPTION:

This class will cover the development of the military from early man to the present day. We will cover items such as weapons, tactics, strategy, military theories, command structures, technology, impact on the world, significant people, along with specific battles and wars. Emphasis will be placed on those events, people, etc., which revolutionized warfare and the world.

COURSE TITLE: Political Science GRADE LEVEL: 10-12

PREREQUISITES: B average or higher in both World Civilization and FSS CREDIT: 1

COURSE DESCRIPTION:

This course is a study of comparative economic and political systems as well as a concentration on issues in American government including federalism, political parties, criminal justice, and provisional freedoms of the U.S. Constitution.

COURSE TITLE: Psychology GRADE LEVEL: 10-12

PREREQUISITES: Freshman Social Studies CREDIT: 1

COURSE DESCRIPTION:

This course is an introduction to general psychology with special emphasis applying psychological principles to the life of the student. Specific topics that apply to the student include the psychology of studying and learning, teenage suicide, stress management, child abuse, and mental health. Careers that use or relate to psychology are given special attention.

COURSE TITLE: Sociology GRADE LEVEL: 10-12

PREREQUISITES: Freshman Social Studies CREDIT: 1

COURSE DESCRIPTION:

This course is an introduction to sociology as it relates to the student's life. Areas given special attention include the family, child abuse, the life cycle, our culture, and other diverse cultures. The practical use of sociology in various occupations is addressed.

COURSE TITLE: Advanced Placement European History/World Civilization GRADE LEVEL: 10-12

PREREQUISITES: submitted application signed by student's parents CREDITS: 2
previous social studies and English teachers, and
A or B average in ***both*** social studies and English classes taken in 2008-09

COURSE DESCRIPTION:

This course is designed for students who are seeking advanced study in European History and striving for college credit. The strongest emphasis will be modern history, 1500 to the present. In-depth study will be derived from historical interpretations and primary materials. Students who take this course are encouraged to take the advanced placement test in May.

*This course satisfies the requirement for World Civilization.

COURSE TITLE: Advanced Placement US History GRADE LEVEL: 11

PREREQUISITES: submitted application signed by student's parents and previous social studies and English teachers, and A or B average in **both** social studies and English classes taken in 2008-09 CREDITS: 2

COURSE DESCRIPTION:

This course is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the issues in American History. Students will learn to assess historical materials – their relevance to a given interpretive problem, their reliability, and their importance – and weigh the evidence and interpretations presented in historical scholarship. Topics included in this course being with discovery and settlement of the New World, 1492-1650, and conclude with current American History. Students are expected to take the Advanced Placement American History exam in May.

COURSE TITLE: Arts & Humanities GRADE LEVEL: 10-11

PREREQUISITES: none CREDIT: 1

COURSE DESCRIPTION:

This course focuses on the history and appreciation of the visual and performing arts as well as the contributions of major world cultures in the humanities.

COURSE TITLE: World Studies GRADE LEVEL: 10

PREREQUISITES: teacher approval CREDITS: 2

COURSE DESCRIPTION:

The purpose of World Studies is to integrate the content of **CP English II** and **Arts & Humanities** so that each course is supported and extended by the other in a deliberate way. Combined units of study and activity would provide opportunities for students to understand the development of art, literature, philosophy, and religion across cultures and over time.

COURSE TITLE: Spanish I GRADE LEVEL: 9-12

PREREQUISITES: C or higher in English I, II, or III CREDIT: 1

COURSE DESCRIPTION:

Spanish I is a beginning language course which includes listening skills, speaking, reading, writing and providing cultural insight with an emphasis on basic conversation.

COURSE TITLE: Spanish II GRADE LEVEL: 9-12

PREREQUISITES: Spanish I CREDIT: 1

COURSE DESCRIPTION:

Spanish II is designed to review and further develop those skills acquired in Spanish I, but with an emphasis on conversation, speaking and writing proficiency in the language.

COURSE TITLE: Spanish III GRADE LEVEL: 10-12

PREREQUISITES: Spanish II CREDIT: 1

COURSE DESCRIPTION:

Spanish III is a continuation of Spanish II and is designed to further develop writing and language skills.

COURSE TITLE: Spanish IV GRADE LEVEL: 10-12
PREREQUISITES: Spanish III CREDIT: 1
COURSE DESCRIPTION:

Spanish IV is designed to further develop reading and writing skills, as well as conversational skills.

COURSE TITLE: French I GRADE LEVEL: 9-12
PREREQUISITES: none CREDIT: 1
COURSE DESCRIPTION:

This course offers a basic introduction to the study of the French language. Emphasis is placed on everyday vocabulary, basic grammatical structures, conversation, and culture.

COURSE TITLE: French II GRADE LEVEL: 9-12
PREREQUISITES: French I CREDIT: 1
COURSE DESCRIPTION:

This course continues the basic study of French I with added emphasis on grammatical structures, culture, and conversation.

COURSE TITLE: French III GRADE LEVEL: 10-12
PREREQUISITES: French II CREDIT: 1
COURSE DESCRIPTION:

This course is a continuation of French II with added emphasis on culture, reading, and conversation.

COURSE TITLE: French IV GRADE LEVEL: 10-12
PREREQUISITES: French III CREDIT: 1
COURSE DESCRIPTION:

This course is a continuation of French III with added emphasis on complex grammatical structures, reading, and conversation.

COURSE TITLE: AP French GRADE LEVEL: 10-12
PREREQUISITES: French II CREDIT: 1
COURSE DESCRIPTION:

AP French will take the place of French III. It will be covered in one semester and will focus heavily on grammar, vocabulary, listening and speaking skills, as well as written translator. It will prepare students for the College Board's AP French Language exam and it is comparable in content and difficulty to the 3rd year college level course.

COURSE TITLE: * English I GRADE LEVEL: 9
PREREQUISITES: a current IEP with writing and reading goals CREDITS: 1
COURSE DESCRIPTION:

This course is designed with a focus on grammar and basic skills. Students will study themes through various novels.

COURSE TITLE: * English II GRADE LEVEL: 10

PREREQUISITES: a current IEP with writing and reading goals CREDIT: 1

COURSE DESCRIPTION:

This course is designed with a more in depth study of English I objectives with a wider range of literary study.

COURSE TITLE: * English III GRADE LEVEL: 11

PREREQUISITES: a current IEP with writing and reading goals CREDIT: 1

COURSE DESCRIPTION:

This course is designed to help students understand our heritage by connecting our nation's history to significant literature and authors. Students will extend their basic writing skills into organized portfolio ready pieces.

COURSE TITLE: * English IV GRADE LEVEL: 12

PREREQUISITES: a current IEP with writing and reading goals CREDIT: 1

COURSE DESCRIPTION:

This course is designed to prepare the student for authentic post-graduation writing and will allow for an exploration of world literature through significant writers and works. It will also focus on a completed portfolio showcasing the student's writing.

COURSE TITLE: *Arts & Humanities GRADE LEVEL: 10-11

PREREQUISITES: a current IEP with writing and reading goals CREDIT: 1

COURSE DESCRIPTION:

This course covers the state requirement while observing the student's IEP guidelines.

COURSE TITLE: * Freshman Social Studies GRADE LEVEL: 9

PREREQUISITES: a current IEP with writing and reading goals CREDIT: 1

COURSE DESCRIPTION:

This course is designed to give the student an overview of three areas that impact a citizen of the United States. Civics tells the student about relationships between the government and the citizen. Economics give the student a view of how the business world functions. World Geography will show the student how the seven continents relate to each other.

COURSE TITLE: * World Civilization GRADE LEVEL: 10

PREREQUISITES: a current IEP with writing and reading goals CREDIT: 1

COURSE DESCRIPTION:

This course gives the student an insight into how history began and how the major civilizations have helped shape the life of planet earth by the contributions given by each. An in-depth study of each civilization will aid the student in understanding how history affected our own country.

COURSE TITLE: * Human Geography GRADE LEVEL: 10-11

PREREQUISITES: a current IEP with writing and reading goals CREDIT: 1

COURSE DESCRIPTION:

This course is designed to focus on both the human aspects of geography as well as the culture of various societies. This class will follow the material covered in the standard Human Geography class but with accommodations for the special needs students.

COURSE TITLE: * US History Since 1865 GRADE LEVEL: 11

PREREQUISITES: a current IEP with writing and reading goals CREDIT: 1

COURSE DESCRIPTION:

The student will take a trip as he studies how this land went from a newly discovered land to a world power. Each student will study the people and events that shaped this new land.

COURSE TITLE: * Integrated Science GRADE LEVEL: 9

PREREQUISITES: a current IEP with writing and reading goals CREDIT: 1

COURSE DESCRIPTION:

This course is designed to give the student an overview of the study of Earth Science. It will entail studying the earth's rocks, oceans, weather, and the solar system.

COURSE TITLE: * Biology GRADE LEVEL: 10

PREREQUISITES: a current IEP with writing and reading goals CREDIT: 1

COURSE DESCRIPTION:

This course is designed with a focus to give the student an overview on the study of living things. The living things discussed will be the functions and parts of cells, plants, and humans.

COURSE TITLE: * Chemistry GRADE LEVEL: 11

PREREQUISITES: a current IEP with writing and reading goals CREDIT: 1

COURSE DESCRIPTION:

This course is designed to give the student an overview of all areas of science. This class will acquaint the student with Biology, Physical, and Earth Science. All areas will be covered thoroughly throughout the course.

COURSE TITLE: * Algebra I GRADE LEVEL: 9

PREREQUISITES: a current IEP containing math goals CREDIT: 1

COURSE DESCRIPTION:

Algebra I Part B will expose students to all Algebra concepts including: integers, rational numbers, equations, inequalities, and some geometric concepts. The course follows the same format as the Algebra IB class in the regular classroom with accommodations made for special needs students.

COURSE TITLE: * Geometry GRADE LEVEL: 10-11

PREREQUISITES: a current IEP containing math goals CREDIT: 1

COURSE DESCRIPTION:

Geometry will cover inductive reasoning, real life problem solving, points, rays, lines, angles, polygons, congruence, volume, and area. This course will contain the same basic concepts as the regular classroom with accommodations made for the special needs students.

COURSE TITLE: * Consumer Math GRADE LEVEL: 11-12

PREREQUISITES: a current IEP containing math goals CREDIT: 1

COURSE DESCRIPTION:

Consumer Math is designed to cover math skills needed to survive after graduation. Topics covered will be basic banking skills, buying a car, developing a budget, and all other survival math skills needed to solve real life math tasks. This course is valuable to aid special needs students to solve real-life math concepts.

COURSE TITLE: Peer Tutoring GRADE LEVEL: 12

PREREQUISITES: 2.5 GPA, no discipline infractions, *and* teacher approval CREDIT: 0 or 1

COURSE DESCRIPTION:

This course is designed to inform students about persons with moderate and severe disabilities and to bring about positive attitude changes in the peer tutors and in other students in our school.

COURSE TITLE: *Work Study-JOBS GRADE LEVEL: 11-12

PREREQUISITES: a current IEP *and* instructor approval CREDIT: 1 or 2

COURSE DESCRIPTION:

This course is designed to help students explore different job clusters in the local community.

COURSE TITLE: Principles of Agricultural Science and Technology GRADE LEVEL: 9

PREREQUISITES: none CREDIT: 1

COURSE DESCRIPTION:

This course introduces students to the various segments of the agricultural industry. Agriculture career opportunities will be emphasized. Basic animal science, plant and land science, and agricultural mechanics skills will be introduced. The selection and planning of a supervised agricultural experience program and related record keeping will be presented. Students will receive personal guidance and counseling with preparatory instructional program selection.

COURSE TITLE: Agricultural Construction Skills GRADE LEVEL: 10-12

PREREQUISITES: none CREDIT: 1

COURSE DESCRIPTION:

This course prepares students to construct and maintain agricultural structures and equipment. It develops basic skills such as: tool identification, interpreting plans, calculating a bill of materials, electrification, carpentry, welding, metal fabrication, plumbing, and, masonry.

COURSE TITLE: Agricultural Power and Machinery Operations GRADE LEVEL: 10-12

PREREQUISITES: none CREDIT: 1

COURSE DESCRIPTION:

This course provides instruction and hands-on experience in basic principles of Power and Machinery operation, maintenance, service, and repair. Preventative maintenance of tractors and machinery will be emphasized. Hands-on laboratory experiences on machinery repair skills will be conducted. Students will learn to perform different welds and use the oxyacetylene torch.

COURSE TITLE: Equine Science/Animal Tech GRADE LEVEL: 10-12

PREREQUISITES: none CREDIT: 1

COURSE DESCRIPTION:

In Equine Science, student develop knowledge and skill pertaining to breed identification and selection, anatomy, physiology, nutrition, genetics and reproductive management, training principles, grooming, health, disease control, and sanitation practices. Animal Science students develop knowledge and skills pertaining to livestock identification, selection, nutrition, reproduction and genetics, health management, and marketing of one or more species of farm animals. The latest biotechnological applications will be included.

COURSE TITLE: Forestry/Wildlife Resources GRADE LEVEL: 10-12

PREREQUISITES: none CREDIT: 1

COURSE DESCRIPTION:

In this course students will develop an awareness of wildlife industry resources. The course includes: a study of ecology and ecosystem, wildlife habitat, population dynamics, management techniques that deal with wildlife in all areas and the regulations that effect the wildlife industry. The second half of the course, Forestry, is an introduction to forestry. The curriculum includes: career opportunities, tree identification, tree production, forestry management, timber harvesting, wood utilization, and the ecological aspects of forestry.

COURSE TITLE: Greenhouse Technology GRADE LEVEL: 10-12

PREREQUISITES: none CREDIT: 1

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. Course will be enhanced by hands-on lab activities in the greenhouse. Career exploration and technology applications are included.

COURSE TITLE: Landscaping and Turf Management GRADE LEVEL: 10-12

PREREQUISITES: none CREDIT: 1

COURSE DESCRIPTION:

This course combines landscaping and turf management curriculum. The material includes identification of landscape plants and their characteristics, site evaluation, site design, calculation of materials needed, costs for bidding, and installing landscape plans. Landscape plant maintenance will also be presented. Selection, culture and management of turf species used for lawns, golf courses, athletic fields and erosion control may also be included.

COURSE TITLE: Small Animal Tech/Aquaculture GRADE LEVEL: 10-12

PREREQUISITES: none CREDIT: 1

COURSE DESCRIPTION:

This course develops scientific knowledge, management practices, and marketing strategies in small and specialty animal technology. The curriculum includes identification, anatomy, physiology, nutrition, health, selection and care of small animals such as dogs, cats, rabbits, companion birds, ostriches, emus, tropical fish, and fur bearers. An introduction to aquacultural science, Aquaculture instruction provides the fundamentals of aquatic plant and animal biology, anatomy/morphology and physiology in aquaculture, and the unique properties of water for aquaculture. Instruction also includes fish and aquatic crop production principles, management and marketing. Applications of biotechnology in aquaculture and aquaculture as sustainable agriculture are also included.

COURSE TITLE: Small Power and Equipment GRADE LEVEL: 10-12

PREREQUISITES: none CREDIT: 1

COURSE DESCRIPTION:

This course is designed to develop skills in maintenance, repair and operation of small power equipment. Basic engine operation, proper identification and function of engine components, tool use and I.D. along with troubleshooting, adjusting and tuning small engines are included. Course will be enhanced by hands-on lab activities and focus on lawnmowers, tillers, trimmers, leaf blowers, and chainsaws. Career exploration and technology applications are included.

COURSE TITLE: Veterinary Science GRADE LEVEL: 10-12

PREREQUISITES: none CREDIT: 1

COURSE DESCRIPTION:

This course introduces students to the field of veterinary science. Major topics include veterinary terminology, safety, sanitation, anatomy/physiology, clinical exams, hospital procedures, parasitology, posology, laboratory techniques, nutrition, disease, office management, and animal management. Careers are also explored.

COURSE TITLE: Agriculture Co-Op GRADE LEVEL: 12

PREREQUISITES: enrollment in another agriculture class CREDIT: 1-4

COURSE DESCRIPTION:

Students would leave school to work at an approved agricultural job for on-job training and work experience. Students could work for 1 semester for 1 credit or all year for 2 credits. Students may also work for two blocks for 4 credits if approved by the senior counselor and agriculture teacher. Students must complete a career major in agriculture to be eligible for this program.

COURSE TITLE: Life Skills GRADE LEVEL: 9

PREREQUISITES: none CREDIT: 1

COURSE DESCRIPTION:

Life Skills is a basic course designed to meet the needs of all students. It includes units on study skills, food preparation, human development, clothing, housing, and money management. Career education is also a part of the course. This course prepares the student for individual and family living.

COURSE TITLE: Child Development GRADE LEVEL: 10-12

PREREQUISITES: none CREDIT: 1

COURSE DESCRIPTION:

This class addresses the practical problems of understanding the types of growth and development, recognizing the effects of heredity and environment on human growth and development, and understanding the stages of human growth and development from infancy to middle childhood.

COURSE TITLE: Culinary Skills GRADE LEVEL: 11-12

PREREQUISITES: Foods & Nutrition CREDIT: 1

COURSE DESCRIPTION:

This course is designed to provide training for employment in hospitality services in the area of food services. Career decisions and demands on family life are explored, as well as skills and concepts related to supportive services, such as public relations, food and beverage operations, management techniques, catering, entrepreneurs, and plate presentation.

COURSE TITLE: Fashion & Interior Design I GRADE LEVEL: 10-12

PREREQUISITES: Life Skills CREDIT: 1

COURSE DESCRIPTION:

This course provides opportunities for students to develop career competencies in the fashion and/or interiors industry. Practical problems include advanced textile construction techniques, and/or the creation of floor plans using technological resources. Entrepreneurial opportunities will be explored. Application of skills will occur in a variety of work sites.

COURSE TITLE: Fashion & Interior Design II GRADE LEVEL: 11-12

PREREQUISITES: Fashion & Interior Design I CREDIT: 1

COURSE DESCRIPTION:

This course provides opportunities for student to develop career competencies in the fashion and/or interiors industry. Practical problems include advanced textile construction techniques and/or the creation of floor plans using technological resources.

COURSE TITLE: Foods & Nutrition GRADE LEVEL: 10-12

PREREQUISITES: none CREDIT: 1

COURSE DESCRIPTION:

This class prepares students to meet individual and family food needs. It includes practical problems related to food provision, attitudes toward food nutrition facts, management of food resources, and food preparation skills. The last half of the class will focus on food preparation skills and food labs.

COURSE TITLE: Money Skills GRADE LEVEL: 10-12

PREREQUISITES: none 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.

COURSE TITLE: Parenting GRADE LEVEL: 10-12

PREREQUISITES: none CREDIT: 1

COURSE DESCRIPTION:

Children are influenced by individuals other than their parents. This class is designed to help anyone who interacts with children fulfill “parenting roles” and to help promote the growth and development of the child. Prenatal care and growth and childbirth are included in this class.

COURSE TITLE: Relationships GRADE LEVEL: 10-12

PREREQUISITES: none CREDIT: 1

COURSE DESCRIPTION:

The objectives of this course are to develop self-understanding, enabling one to understand others better, improve intrapersonal skills both within and outside the family, be more considerate of other person’s needs and property, and maintain mental and emotion wellness. Family life education comprises a portion of this course, including dating and marriage.

COURSE TITLE: Commercial Foods I GRADE LEVEL: 11-12

PREREQUISITES: teacher approval CREDIT: 2

COURSE DESCRIPTION:

Commercial Foods I is a year long class offered to students who are interested in being certified for entry-level jobs in the food services area. Employability skills, kitchen safety, use and maintenance of equipment, and quantity food preparation are the four areas of study. The first semester is spent in the foods lab and the second semester is used for work experience in various restaurants and cafeterias. No partial credit will be given.

COURSE TITLE: Commercial Foods II GRADE LEVEL: 12

PREREQUISITES: Commercial Foods I & teacher approval CREDIT: 2

COURSE DESCRIPTION:

Commercial Foods II is a continuation of Commercial Foods I. Students may gain further certification for entry-level jobs in this year long class. (No partial credit given)

COURSE TITLE: Commercial Foods Co-op GRADE LEVEL: 12

PREREQUISITES: Commercial Foods I CREDIT: 1-2

COURSE DESCRIPTION:

Students in co-op would leave school to work at a foods-related on-the-job training and work experience. Students could work for 1 semester for 1 credit or all year for 2 credits. Students must meet all Co-op requirements to participate and have approval of senior counselor, commercial foods teacher, and co-op coordinator.

COURSE TITLE: Child Development Services I GRADE LEVEL: 11-12

PREREQUISITES: none CREDIT: 1

COURSE DESCRIPTION:

Child Care Services provides training for entry-level positions in day care centers, nurseries, kindergartens, and private homes. Students study child guidance techniques, children's health and well-being in group care, the value of play, teaching strategies and management, curriculum development, and careers in child care. Subject content is reinforced with work experience in a variety of childcare establishments. Students, parents, and employers are required to sign a training agreement that outlines expectations of the student while participating in the child care services work program.

COURSE TITLE: Orchestra Instrumental Theory GRADE LEVEL: 9-12

PREREQUISITES: Middle School or High School Orchestra experience CREDITS: 2

COURSE DESCRIPTION:

Orchestra is strictly a performance class. All forms and styles of music will be explored and performed. Instrumental theory will be integrated into the orchestra program. Students will be expected to express in writing what they are performing in song. Students will be required to attend and perform in at least four concerts and a state performance assessment. Students will be assessed in written form as well as in performance on an individual level.

COURSE TITLE: Instrumental Music: Band GRADE LEVEL: 9-12

PREREQUISITES: prior instrumental music experience and/or permission of instructor CREDIT: 2

COURSE DESCRIPTION:

This class will focus on a comprehensive study of major band works. Using these works as the context for learning, students will build concepts of musical elements, performance skills, music history, and music appreciation. Students will be expected to advance in skill on their primary instrument through performance assessment on an individual and group level. Also, students will learn to communicate their ideas through performing, writing, and speaking. All students enrolling in this course will be required to attend at least 4 concerts, 2 after-school rehearsals, and 1 district and/or state performance assessment. Additionally, students will have the opportunity to prepare either a solo or ensemble for adjudication at the District Solo and Ensemble Festival. Students will also perform as part of the Cougar marching band at all home football games, as well as, at least 4 marching competitions and the Cougar pep bands at both boys and girls basketball games.

COURSE TITLE: Concert Band GRADE LEVEL: 10-12

PREREQUISITES: prior instrumental music experience, permission of instructor, CREDIT: 1
and a legitimate schedule conflict that prevents the students from taking Instrumental Music: Band

COURSE DESCRIPTION:

This class will focus on a comprehensive study of major band works. Using these works as the context for learning, students will build concepts of musical elements, performance skills, music history, and music appreciation. Students will be expected to advance in skill on their primary instrument through performance assessment on an individual and group level. Also, students will learn to communicate their ideas through performing, writing, and speaking. All students enrolling in this course will be required to attend at least 2 concerts, 2 after-school rehearsals, and 1 district and/or state performance assessment. Additionally, students will have the opportunity to prepare either a solo or ensemble for adjudication at the District Solo and Ensemble Festival. Students will also perform as part of the Cougar pep bands at both the boys and girls basketball games.

COURSE TITLE: Concert Choir GRADE LEVEL: 9-12

PREREQUISITES: director approval CREDITS: 2

COURSE DESCRIPTION:

Students will sing music from a variety of styles and time periods appropriate to experience of the group. Students will do public performances. Performance events are mandatory and constitute a major part of students' grades. Students will learn and use performance etiquette and techniques in each rehearsal.

Beginning Vocal Theory – Students will learn notation reading at the rudimentary level for singers and beginning musicology appropriate for vocal music performance.

COURSE TITLE: Visual Arts I GRADE LEVEL: 9-12

PREREQUISITES: none CREDIT: 1

COURSE DESCRIPTION:

This introductory course provides a foundation in the Elements and Principles of Design. An art history survey covers significant works from prehistoric times to the modern era. Academic techniques include describing, analyzing, critiquing, and judging art produced in a variety of media.

COURSE TITLE: Drawing, Painting, and 2-Dimensional Design (DPT) GRADE LEVEL: 9-12

PREREQUISITES: C average or higher in Visual Arts I CREDIT: 1

COURSE DESCRIPTION:

This is an advanced visual arts course with emphasis in drawing, painting, and two-dimensional design. Areas of exploration include drawing and painting with various media, techniques in printmaking and miscellaneous methods of two-dimensional design. Students will be required to keep a sketch journal.

COURSE TITLE: Ceramics, Sculpture, and 3-Dimension Design (CST) GRADE LEVEL: 9-12

PREREQUISITES: C average or higher in Visual Arts I CREDIT: 1

COURSE DESCRIPTION:

This is an advanced arts course with emphasis in ceramics, sculpture, and three-dimension design. Areas of exploration include hand-building and wheel thrown pottery and ceramic structures, various areas of sculpture, and miscellaneous methods of three-dimensional design.

COURSE TITLE: Advanced Applications in Visual Design GRADE LEVEL: 11-12

PREREQUISITES: Visual Arts I, DPT and or CST, and/or instructor approval CREDIT: 1

COURSE DESCRIPTION:

This is an advanced visual arts course with emphasis in the development of an individual portfolio of quality artwork in a variety of media. The development of personal expression and individual concepts is emphasized. This course is recommended for potential college visual arts majors.

COURSE TITLE: Independent Study in Art GRADE LEVEL: 11-12

PREREQUISITES: permission of instructor CREDIT: 1

COURSE DESCRIPTION:

An individual problem is chosen, mutually agreed upon, and contracted between the student and instructor. Students taking this course must meet a high criteria of standards. Instructor permission must be obtained before scheduling this course.

COURSE TITLE: Graphic Design GRADE LEVEL: 9-12

PREREQUISITES: none CREDIT: 1

COURSE DESCRIPTION:

Using the PC, students are introduced to fine art techniques as well as promotional graphic design. Layout, logotype design, and computer animation are among the many skills covered in this course. Basic design principles are taught sequentially and applied to real-life situations. The development of a creative vision is emphasized.

COURSE TITLE: Advanced Graphic Design GRADE LEVEL: 9-12

PREREQUISITES: C or higher in Graphic Design (previously named Computer Art & Design) and teacher approval CREDIT: 1

COURSE DESCRIPTION:

Students will continue projects in Adobe Photoshop. Work is very career oriented and projects are more demanding than Graphic Design. This class is aimed at preparing students planning to work in photography, advertising, or any other digital art oriented career.

COURSE TITLE: AP Studio Art GRADE LEVEL: 11-12

PREREQUISITES: Visual Art I, 1 upper level art course, and teacher approval CREDIT: 2

COURSE DESCRIPTION:

AP Studio Art is a course for students seriously interested in the field of art. Students will choose a focus-drawing, 2-D design, or 3-D design and complete a total of 29 quality works in the area of their focus. The quality of the portfolio will be reviewed by the College Board, which will award college credit to the student if the quality of the portfolio meets their requirement.

COURSE TITLE: Weld I-OFC/SMAW GRADE LEVEL: 10

PREREQUISITES: WLD 110, 111, 120, 121, PSD 5788
basic skills in addition, subtraction, multiplication, and division of whole numbers and fractions without the aid of a calculator. CREDIT: 1

WLD110/WLD111 is designed to provide the student with a working knowledge of various cutting processes used in the welding industry such as: OFC, PAC, Air Carbon Arc, SMAC, Exothermic, and Mechanical Cutting Processes. This course will include safety, theory of operation, setup and operating techniques, troubleshooting, evaluation, repair and prevention of discontinuities of cut surfaces when cutting these processes. WLD120/WLD121 is designed to teach students the identification, inspection, and maintenance of SMAW electrodes, principles of SMAW; the effects of variables on the SMAW process to weld plate and pipe; and metallurgy. Equipment and shop safety are also stressed.

COURSE TITLE: Weld II-GMAW/SMAW GRADE LEVEL: 11-12
WLD 120, 121, 140, 141, PSD 5757
PREREQUISITES: C or better in Industrial Welding I CREDIT: 2

COURSE DESCRIPTION:

WLD120/WLD121 provide lab experiences in which the student acquires the manipulative skills to perform fillet welds with Shielded Metal Arc Welding in all positions. WLD140/WLD141 are designed to teach students the identification, inspection, and maintenance of GMAW machines; identification, selection and storage of GMAW electrodes; principles of GMAW; and the effects of variables on the GMAW process. Theory and applications of related processes such as FCAW and SAW and metallurgy are also included. Equipment and shop safety are also stressed.

COURSE TITLE: Weld III-Blueprint Reading/GTAW GRADE LEVEL: 11-12
WLD 170, 130, 131, PSD 5756
PREREQUISITES: C or better in Industrial Welding II CREDIT: 2

COURSE DESCRIPTION:

WLD170 provides a study of occupationally specific prints for welders. Advanced study of multi-view drawings, assembly drawings, working drawings, geometric dimensioning, tolerance and use of reference materials and books are included. Occupational specifics including welding drawings, symbols, joint types, grooves, pipe welding symbols, testing symbols and specification interpretations are stressed. WLD130/WLD131 is designed to teach students the identification, inspection, and maintenance of Gas Tungsten Arc Welding machines; identification, selection and storage of GTAW electrodes; principles of GTAW; the effects of variables on the GTAW process; and metallurgy. This course also teaches the theory and application of Plasma Arc Cutting.

COURSE TITLE: Health Sciences GRADE LEVEL: 10-11
HEA 102; PSD 5314
PREREQUISITES: none CREDIT: 1

COURSE DESCRIPTION:

This course is an orientation to the health care cluster consisting of four career majors: Nursing, Medicine, Dentistry, and Allied Health. It is also designed to develop and enhance an understanding of the roles and responsibilities of each career major. Communication, study, and leadership skills will be emphasized as the student learns about the health care industry, health care economics, and career opportunities available. Medical terminology will be integrated throughout the course. Upon successful completion of this course, the student will be able to focus on a career major path and make informed decisions regarding post secondary education or employment.

COURSE TITLE: Emergency Procedures GRADE LEVEL: 10-12
CPR 100; PSD 5302
PREREQUISITES: Health Sciences or concurrently with Health Sciences CREDIT: 1

COURSE DESCRIPTION:

This course of study includes a study of medical terms and their origins and the study of commonly used medical abbreviations. Students will also learn American Heart CPR and basic safety and first aid techniques. All of these subjects are essential for entry into the medical field.

COURSE TITLE: Health Care Fundamentals GRADE LEVEL: 10-11
HSC 400
PREREQUISITES: none CREDIT: 1
(students may not take both Medicaid Nurse Aide and Health Care Fundamentals)

COURSE DESCRIPTION:

Health Care Fundamentals is designed to provide knowledge, concepts and psychomotor skills necessary for gainful employment as an entry-level health care worker. Classroom instruction and educational objectives are combined with learning experiences and observations in a career major Practicum. This work-site experience allows students to develop proficiency in skills and does not include monetary compensation.

COURSE TITLE: Medicaid Nurse Aide GRADE LEVEL: 11-12
HEA 110; PSD 5315
PREREQUISITES: Health Sciences and completed or concurrent with CREDIT: 1
Emergency Procedures

COURSE DESCRIPTION:

This course is designed to provide knowledge and skills for nurse aides to assume the role and responsibility required in long-term care. The focus of this course is communication, infection control, safety, resident's rights, and basic nursing skills. Successful completion of this course (must pass a state registry test) will qualify students to hold positions as nursing assistants in nursing homes and in hospital settings as well. It is a course that is now mandatory for entry into most nursing programs around the state.

COURSE TITLE: Human Growth & Dev/Practicum GRADE LEVEL: 12
HEA 100 & HEA 198; PSD 5304
PREREQUISITES: Health Sciences, Health Care Fundamentals or Medicaid CREDITS: 2
Nurse Aide, and after or concurrent with Emergency Procedures

COURSE DESCRIPTION:

Students will study the basics of microbiology, infection control and human growth and development. In addition students will go out into the clinical setting and work in their areas of interest to get first hand knowledge of the duties and responsibilities of their chosen medical profession.

COURSE TITLE: Carp I-Intro to Carp GRADE LEVEL: 10-11
CAR 126 & 127 and MTH 100; PSD 5768
PREREQUISITES: none CREDIT: 1

COURSE DESCRIPTION:

This course concentrates on Basic Math that relates to carpentry. It's designed to assist students in mastering whole numbers, fractions, percentages, decimals and measuring systems. It emphasizes the types, grades, sizes, and standards of building materials including the types of fasteners and their correct use. Students will also learn to correctly utilize and maintain commonly used hand and power tools. Safety in the lab and on the job site is stressed.

COURSE TITLE: Carp II/Construction Geometry GRADE LEVEL: 11-12
CAR 140 & 141, and ISX 100; PSD 5755
PREREQUISITES: Carpentry I and Algebra I Part A CREDITS: 2

COURSE DESCRIPTION:

Students will prepare materials, calculate the cost for a building site, and layout a site with a transit, locating property lines and corners. Students calculate the amount of concrete needed for footing and foundation walls and construct different types of foundations and forms. It teaches applying work site, personal, and fire prevention rules and procedures. Students obtain first aid and CPR certification.

Construction Geometry is designed for those students taking the 5-semester sequence of carpentry, where the geometry content is an integral part of the course. *The student must complete Carpentry III and can not co-op to earn the geometry credit.* The course is designed for students who plan to enter the work force immediately after high school graduation. Geometric topics include, but are not limited to: points, lines, planes, angles, planar figures, similarity, congruence, and transformations. Many activities involving real-world applications are incorporated into the class. The teaching strategies in the class are geared toward using math manipulatives, calculators, hands-on learning, and having more time on task.

COURSE TITLE: Carp III-Frame & Finish/Construction Geometry GRADE LEVEL: 11-12
CAR 190 & 191, 196 & 197, 200; PSD 5754
PREREQUISITES: Carpentry I and II CREDITS: 2

COURSE DESCRIPTION:

This course covers roof types and emphasizes laying out and cutting ceiling joists and rafters plus roof decking and coverings. It teaches interior and exterior paneling and trims including wood, aluminum, and vinyl. Windows, doors and floor finishes are also covered. The student will practice floor framing, layout, and construction of floor frames. Cutting and installing floor and wall framing members according to plans and specifications will also be practiced. Co-op from this class may also be an option.

Construction Geometry continues as described in Carpentry II through both semesters of Carpentry III and co-op is not allowed in order for a student to earn the geometry credit.

COURSE TITLE: PC Essentials GRADE LEVEL: 9-10
IT 104: PSD 5180
PREREQUISITES: none CREDIT: 1

COURSE DESCRIPTION:

This course is an introduction to computer hardware and software. It introduces basic computer hardware and operating systems, covering installing, building, upgrading, repairing, configuring, troubleshooting, optimizing, diagnosing and preventive maintenance, with additional elements of soft skills and security. Course objectives map closely to the CompTia A+ Essentials national examination that validates the basic skills needed by any entry-level computer service technician.

COURSE TITLE: PC Field Tech GRADE LEVEL: 10-11
IT 204: PSD 5175
PREREQUISITES: PC Essentials CREDIT: 1

COURSE DESCRIPTION:

Students will be introduced to advanced computer maintenance tasks including installation, building, repairing, configuration, troubleshoot, optimizing, diagnosing and preventive maintenance in the context of the field service or enterprise environment. This course is appropriate for those who work, or plan to work, as computer technicians in a mobile or corporate environment. This course maps closely to the CompTia A+ 220-602 national examination.

COURSE TITLE: Website Development/STLP I GRADE LEVEL: 10-11
IT 130: PSD 5454
PREREQUISITES: none CREDIT: 1

COURSE DESCRIPTION:

This course focuses on the overall web site production process involving layout, navigation, and interactivity, with particular emphasis on design. It will expose the student to the operation of digital video camera, scanners, and sound equipment. The design, layout, and composition of images, animation, and video suitable for Web site production are stressed.

COURSE TITLE: Website Development/STLP II GRADE LEVEL: 11-12
IT 134: PSD 5449
PREREQUISITES: Website Development/STLP I CREDIT: 1

COURSE DESCRIPTION:

Students in this course apply “real world” web mastering skills. Individual responsibilities include designing, uploading, and maintaining the Grayson County School District website. Advanced techniques include: HTML programming, FTP, Java Script, Java Applets, Gif animation, digital image manipulation, and multimedia presentations. This course will introduce Macromedia Flash. Students will gain experience in creating graphics, animation, text, forms, and special effects.

COURSE TITLE: CCNA I & II/Cisco Networking GRADE LEVEL: 11-12
IT 120 & 122; PSD 5731
PREREQUISITES: PC Essentials CREDITS: 2

COURSE DESCRIPTION:

These are the first two of a four-course series that prepares students for the Cisco Certified Networking Associate exam. This course is designed to provide students the skills necessary to understand and apply basic networking concepts. Topics covered include the OSI Model, TCP/IP, cabling media, cabling standards, and Local Area Network (LAN) design. It also provides students with the skills necessary to understand and apply concepts related to networking hardware. It covers Advanced TCP/IP concepts such as IP addressing and subnetting, beginning router configuration, routed and routing protocols. The first of the two CCNA exams (INTRO) can be taken after completing these courses.

COURSE TITLE: Principles of Marketing GRADE LEVEL: 9-10
MKT 100; PSD 5796
PREREQUISITES: none CREDIT: 1

COURSE DESCRIPTION:

This course provides the students with a basic foundation for understanding marketing and the huge role it plays in our everyday lives. Marketing makes it possible for businesses to find customers for their products and services and to sell them for a reasonable price while still making a profit. Marketing helps consumers select the best products and services from all those available in order to satisfy their wants and needs. Projects and activities will demonstrate how we are involved in marketing daily.

COURSE TITLE: Sports Marketing GRADE LEVEL: 10-12
MKT 106; PSD 5741
PREREQUISITES: none CREDIT: 1

COURSE DESCRIPTION:

Students in this course will study the fundamentals of producing, promoting, and marketing events ranging from high school to professional athletics. Activities include group activities, oral presentations, games, role-playing, and field trips. Students even have the chance to create their own fantasy sports team and see how it performs.

COURSE TITLE: Travel and Tourism Marketing GRADE LEVEL: 10-12
MKT 108; PSD
PREREQUISITES: None CREDIT: 1

COURSE DESCRIPTION:

This course introduces the student to the travel and tourism industry. Instruction includes domestic and international travel, sales techniques, transportation methods, food and beverage marketing, and destination marketing. Fundamentals of marketing and other business-related topics are taught through textbook and a variety of classroom activities. Topics include the marketing and management aspects of travel agencies, theme parks, lodging facilities, food service conventions, and recreational facilities. Activities include group activities, oral presentations, games, role-playing, field trips, and the highlight of the course; a tour of the Opryland Hotel in Nashville, Tennessee.

COURSE TITLE: Retail Marketing GRADE LEVEL: 11-12
MKT103; PSD 5782
PREREQUISITES: Principles of Marketing *or* Sports Marketing CREDIT: 1

COURSE DESCRIPTION:

The focus of this class is on selling and pricing strategies, math, communication, customer service, and computer operations. Activities include group activities, oral presentations, games, role-playing, and a field trip. This course is a pre-requisite for Marketing Co-op.

COURSE TITLE: Advanced Marketing GRADE LEVEL: 12
MKT 102; PSD 5759
PREREQUISITES: Two of the 3 following course: CREDIT: 1
Principles of Marketing, Sports Marketing, or Retail Marketing

COURSE DESCRIPTION:

This course is designed for students to continue to develop those marketing skills established in the marketing prerequisite course and to learn advanced marketing skills in such areas as advertising, customer relations, supervision, employee-employer relations, etc., for a wide range of marketing careers. Students must be enrolled in Advanced Marketing in order to co-op.

COURSE TITLE: Marketing Co-Op GRADE LEVEL: 12
COE 199; PSD 5744
PREREQUISITES: must be enrolled in Advanced Marketing CREDIT: 1 or 2
and completed at least 2 additional marketing courses one
of which is Retail Marketing

COURSE DESCRIPTION:

Students enrolled in Marketing Co-op gain valuable work experience while working in a marketing-related position. The students are allowed to report to their workstations during school hours. Students may co-op all year or only for one semester. The work experience may be in the morning or afternoon.

COURSE TITLE: Brake Systems GRADE LEVEL: 10-11
AUT 110 & 111; PSD 5050
PREREQUISITES: none CREDIT: 1

COURSE DESCRIPTION:

This course involves the operational theory and application of hydraulic and anti-lock brake systems; disc and drum brakes are also discussed.

COURSE TITLE: Basic Automotive Electricity/Electrical Systems GRADE LEVEL: 11-12
ADX 120 & 121; ADX 260 & 261
PREREQUISITES: Brake Systems CREDITS: 2

COURSE DESCRIPTION:

This course introduces the student to the principles, theories, and concepts of the automotive electrical system that include the unique diagramming, coding and locating of wiring, and component devices. It focuses on theory and principles relating to automotive electrical/electronic components.

COURSE TITLE: Steering & Suspension / Engine Repair GRADE LEVEL: 11-12
AUT 160 & 161; ADX 150 & 151
PREREQUISITES: Basic Automotive Electricity/Electrical Systems CREDITS: 2

COURSE DESCRIPTION:

This course provides a series of lectures and demonstrations on the fundamentals of steering and suspension including alignment. A strong emphasis is placed on math and problem solving. This course provides a series of lectures and demonstrations on the fundamentals of engine repair, troubleshooting, and engine operation and maintenance. Co-op is also available.

COURSE TITLE: Automotive Co-op GRADE LEVEL: 12
AUD-299
PREREQUISITES: 3 credits in Automotive Technology CREDITS: 2

COURSE DESCRIPTION:

Students who are seniors may enroll in cooperative education. This experience allows the student to gain valuable work experience while working in an automotive-related position. Students are allowed to report to their workstations during school hours. Students may co-op for one semester or all year. The work experience may be in the morning or the afternoon.

COURSE TITLE: Electricity I-Residential Wiring GRADE LEVEL: 9-10
PSD5748 EET 254
PREREQUISITES: none CREDIT: 1

COURSE DESCRIPTION:

This course is designed for entry level wiring skills for the residential wiring industry. The study of basic DC/AC, series, parallel circuits, and Ohms Law will be introduced. Students will learn the relationship of voltage, current, and resistance. They will also be introduced to the national electric code, industrial safety practices, and the use of non-metallic residential and light commercial wiring practices.

COURSE TITLE: Electricity II-Commercial Wiring GRADE LEVEL: 10-11
PSD 5733 EET 250, 255
PREREQUISITES: none CREDITS: 2

COURSE DESCRIPTION:

This course is designed for entry level wiring skills for the commercial wiring industry. The study of basic DC/AC, series, parallel circuits, and Ohms Law will be introduced. Students will learn the relationship of voltage, current, and resistance. They will also be introduced to the national electric code, industrial safety practices, and the use of conduit commercial wiring practices.

COURSE TITLE: Advanced Computer & Technology Applications GRADE LEVEL: 10-12

PREREQUISITES: Keyboarding Applications or Computer Applications CREDIT: 1

COURSE DESCRIPTION:

This course is designed to teach the student how to use the advanced features of Microsoft Word (document formatting), Excel (spreadsheets), Access (database), and PowerPoint (video presentation).

COURSE TITLE: Medical Office GRADE LEVEL: 11-12

PREREQUISITES: Keyboarding and/or Computer Applications with a grade of at least C CREDIT: 1

COURSE DESCRIPTION:

This course enables a student to gain concepts, skills, and techniques in medical terminology and various forms used in the medical profession.

COURSE TITLE: Multi-Media Publishing GRADE LEVEL: 10-12

PREREQUISITES: Keyboarding Applications or Computer Applications CREDIT: 1

COURSE DESCRIPTION:

This hands-on course applies publishing and presentation concepts through the development of business documents which include, but are not limited to: brochures, manuscripts, booklets, reports, catalogs, newsletters, flyers, business forms, graphs, web pages, on-screen presentations and other business-related documents as appropriate.

COURSE TITLE: Yearbook GRADE LEVEL: 10-12

PREREQUISITES: Yearbook sponsor approval CREDIT: 1

COURSE DESCRIPTION:

This semester-long, 1 credit course will involve all aspects of producing Cougar Memories, the GCHS yearbook. Students will design pages, write copy, take photographs (digital and film), crop/enhance photos, and create layouts. They will also be responsible for attending, photographing, and reporting school events as well as developing money management, business and marketing skills to promote advertising and sales of the yearbook. During the fall semester, students will coordinate and work during school picture and retake day. Meetings will be held during the fall semester to assign various duties prior to the actual class sessions in the spring.

COURSE TITLE: Driver's Education GRADE LEVEL: 10-12

PREREQUISITES: Driving permit CREDIT: .5

COURSE DESCRIPTION:

Students ***must*** have a driver's permit to take this course. Driver's Education consists of a classroom phase and a driving phase. The classroom is designed to improve the decision-making skills of the students. In the driving phase, safe operation of the vehicle is emphasized as the students receive practical experience in real traffic situations. Students who pass this course will be eligible for an insurance discount. Some type of driver's education is now required by law to get a driver's license. This course satisfies that requirement. Kentucky law now requires a student to pass 2/3rds of their classes and have fewer than 9 unexcused absences to have a permit or a driver's license.
