

Course Listing

ENGLISH

English I, II, III, IV (To include the content strands of reading, writing, speaking, listening, observing, inquiry, conventions, analysis, and using technology as a communication tool. Language Arts shall be taken each year of high school.) *English Honor or AP courses placement based on assessment scores, previous grades, and/or teacher recommendation.

230107 – English I

Grade 9-9

1 English Credit

*Course required for graduation. This course requires students to use the writing process and criteria for effective writing to demonstrate their abilities to write in a variety of forms and for multiple audiences and purposes. Students use writing-to-learn and writing-to-demonstrate learning strategies to make sense of the reading and thinking experiences.

230108 – English I, Honors

Grade 9-9

1 English Credit

These courses require students to use the writing process and criteria for effective writing to demonstrate their abilities to write in a variety of forms and for multiple audiences and purposes. Students use writing-to-learn and writing-to-demonstrate-learning strategies to make sense of the reading and thinking experiences. Speaking, listening, and observing skills are used to communicate information for a variety of authentic purposes. In addition, students continue to integrate inquiring skills and technology to communicate ideas.

230110 – English II

Grade 10-10

1 English Credit

*Course required for graduation. The courses require students to use the writing process and criteria for effective writing to demonstrate their abilities to write in a variety of forms and for multiple audience and purposes. Students use writing-to-learn and writing-to-demonstrate-learning strategies to make sense of their reading and thinking experiences. Speaking, listening, and observing skills are used to communicate information for a variety of authentic purposes. In addition, students continue to integrate inquiry skills and technology to communicate ideas.

230111 – English II, Honors

Grade 10-10

1 English Credit

The course requires students to use the writing process and criteria for effective writing to demonstrate their abilities to write in a variety of forms and for multiple audiences and purposes. Students use writing-to-learn and writing-to-demonstrate-learning strategies to make sense of their reading experiences. Speaking, listening, and observing skills are used to communicate

information for a variety of authentic purposes. In addition, students continue to integrate inquiry skills and technology to communicate ideas.

230113 – English III

Grade 11-11

1 English Credit

*Course required for graduation. The course requires students to use writing process and criteria for effective writing to demonstrate their abilities to write in a variety of forms and for multiple audiences and purposes. Students use writing-to-learn and writing-to-demonstrate-learning strategies to make sense of their reading and thinking experiences. Speaking, listening, and observing skills are used to communicate information for a variety of authentic purposes. In addition, students continue to integrate inquiry skills and technology to communicate ideas.

230166 – AP Language and Composition (English III Honors)

Grade 11

1 English Credit

English III or English IV course-adheres to Program of Studies requirements and meets AP guidelines.

230116 – English IV

Grade 12-12

1 English Credit

Dual Credit-ENG 101

*Course required for graduation. The course requires students to use the writing process and criteria for effective writing to demonstrate their abilities to write in a variety of forms and for multiple audiences and purposes. Students use writing-to-learn and writing-to-demonstrate-learning strategies to make sense of their reading and thinking experiences. Speaking, listening, and observing skills are used to communicate information for a variety of authentic purposes.

230167 – AP Literature and Composition (English IV Honors)

Grades 12

1 English Credit

English IV course-adheres to Program of Studies requirements and meets AP guidelines.

239141 – Yearbook Production

Grade 11-12

1 English Elective

Special topics: producing a publication; format; layout; photographs; yearbook design. (Will be selected based on application process.)

231011 – Public Speaking

Grades 10-12

1 English Elective

Dual Credit-COM 181

Special topics: extemporaneous, demonstrative, persuasive, informative oral communication; videotape; speech writing and delivery

231211 – Reading Development

Grades 9-12

1 English Elective. This course is a required for 9th grade students with a reading score below 11 on the Explore Test. Special topics: instruction for students with reading difficulties; focuses on skill acquisition and reading technique; demonstrates work attack skills and reading comprehension strategies. (May be required based on assessment data.)

MATHEMATICS ([Back to Top](#))

Algebra I, Geometry and Algebra II are required.

(An integrated, applied, interdisciplinary or technical/occupational course that prepares a student for a career path based on the student's Individual Learning Plan may be substituted for a traditional Algebra I, Geometry or Algebra II course on an individual student basis if the course meets the content standards in the program of studies). Mathematics shall be taken each year of high school.

270304 – Algebra 1

Grade 9-10

1 Math Credit

Prerequisite: None

This course would be designed so that students could attain all the concepts contained in the relevant statements in the High School Mathematics Program of Studies and to build on those in order to earn the high school graduation credit for Algebra 1.

270306 – Accelerated Algebra 1

Grade 9-9

1 Math Credit

Prerequisite: Successful completion of two of the following conditions.

- Explore Test score of 20 – 25 in math.
- Grade 8 NCLB math score of Proficient or Distinguished.
- Course 3 (8th grade math) grade of A.
- Score at least 88% on a district math exam given at the end of grade 8.

This course would be designed so that students could attain all the concepts contained in the relevant statements in the High School Mathematics Program of Studies and to build on those in order to earn the high school graduation credit for Algebra 1, with extensions and acceleration provided for students who qualify for gifted and talented services.

270308 – Algebra Lab (Math Strategies)

Grade 9-10

1 Math Elective. This course is a required companion for Algebra I, for 9th grade students with a math score below 11 on the Explore Test.

Prerequisite: None

This course would be designed for students who need additional time with Algebra 1 topics and would be designed to run concurrently with algebra 1. Such a course would use hands-on activities and experiments with graphing calculators to support the study of the concepts addressed in the relevant statements in the High School Mathematics Program of Studies. This

course could serve as an elective for high school graduation credit, but not as a mathematics credit for high school graduation.

270311 – Algebra 2

Grade 10-12

1 Math Credit

Prerequisite: Algebra I

This course code is reserved for an Algebra 2 class designed so that students could develop the relevant skills and concepts from the High School Mathematics Program of Studies and then build on those in a rigorous, collegepreparatory Algebra 2.

270313 – Accelerated Algebra 2

Grade 10-11

1 Math Credit

Prerequisite: If this course is taken after the completion of Accelerated Algebra I or concurrently with Accelerated Geometry: An Accelerated Algebra I grade of A or B. Alternately – Algebra I grade of A each semester plus one of the following.

- Explore Test score of 16 – 25 in math.
- Grade 8 NCLB math score of Proficient or Distinguished.
- Score at least 88% on a district math exam given by request at the end of Algebra 1.

If this course is taken after the completion of Accelerated Geometry:

Prerequisite: An Accelerated Geometry grade of A or B.

This course code is reserved for an Algebra 2 class designed so that students could develop the relevant skills and concepts from the High School Mathematics Program of Studies and then build on those in a rigorous, college-preparatory Algebra 2, with opportunities provided for students to progress ahead of the minimal statements from the High School Mathematics Program of Studies, with extensions and acceleration provided for students who qualify for gifted and talented services.

270401 – Geometry

Grade 10-12

1 Math Credit

Prerequisite: None

This course would be designed so that students could develop the skills and concepts from the relevant statements in the High School Mathematics Program of Studies in order to earn the high school graduation credit for Geometry.

270403 – Accelerated Geometry

Grade 10-11

1 Math Credit

Prerequisite: If this course is taken after the completion of Accelerated Algebra I or concurrently with Accelerated Algebra II:

An Accelerated Algebra I grade of A or B.

Alternately – Algebra I grade of A each semester plus one of the following.

- Explore Test score of 16 – 25 in math.
- Grade 8 NCLB math score of Proficient or Distinguished.

- Score at least 88% on a district math exam given by request at the end of Algebra 1.
- If this course is taken after the completion of Accelerated Algebra II: Prerequisite: An Accelerated Algebra II grade of A or B.

This course would be designed so that students could develop the skills and concepts from the relevant statements in the High School Mathematics Program of Studies in order to earn the high school graduation credit for Geometry, with extensions and acceleration provided for students who qualify for gifted and talented services. This course may be taken concurrently with Accelerated Algebra II.

270501 – Pre-Calculus

Grade 10-12

1 Math Elective

Prerequisite: Algebra II

This course would be designed for students to attain the concepts necessary to be successful in an AP calculus course or a college calculus course.

270511 – Calculus

Grade 11-12

1 Math Elective

Prerequisite: An Algebra II grade of C or greater. Two of the following options.

- PSAT/NMSAT math score of 40 – 80.
- ACT math score of 18 – 36.
- Algebra II grade of C or better.
- Plan Test score of 20 – 30 in math.
- A signed agreement between school, student, and parent/guardian. This course would be designed to address the concepts normally covered in differential and integral calculus.

270513 – AP Calculus AB

Grade 11-12

1 Math Elective

Prerequisite: Three of the following options.

- PSAT/NMSAT math score of 65 – 80.
- ACT math score of 25 – 36.
- Pre-Calculus grade of A or B.
- Plan Test score of 25 – 30 in math.
- A signed agreement between school, student, and parent/guardian.

This course would be designed to address the concepts delineated in the College Board guidelines for the AB Calculus examination.

270601 – Data and Measurement

Grade 10-12

1 Math Elective

Prerequisite: Algebra I

This course would be designed as an extension of an Algebra 2 course, and be intended for students who desire to have their Algebra 1 skills strengthened before continuing in their study

of mathematics. It would review some Algebra 1 concepts and preview Geometry and Algebra 2 concepts.

270602 – Probability and Statistics

Grade 11-12

1 Math Elective

Prerequisite: Algebra II

This course would be designed to address such concepts as theoretical and experimental probability, binomial distributions, and normal distributions, displaying and describing distributions of data, collecting data, measures of central tendency and dispersion, and methods of inferential statistics.

270604 – AP Statistics

Grade 11-12

1 Math Elective

Prerequisite: Probability and Statistics

This course would be designed to address the guidelines provided by the College Board for the Advanced Placement Statistics examination.

270611 – Discrete Mathematics

Grade 11-12

1 Math Elective

Prerequisite: Algebra II

This course would be designed for advanced high school mathematics students who are interested in a future in business or computer applications, addressing such topics as set theory, mathematical induction, graph theory, permutations and combinations, and other topics as deemed appropriate.

270621 – Advanced Topics in Mathematics

Grade 11-12

1 Math Elective

Prerequisite: Algebra II

Dual Credit

This course would be designed to allow students to pursue topics in mathematics beyond the scope of the Program of Studies or the Core Content for Assessment and may cover topics from combined higher level courses or topics which are not found in other higher level courses.

270631 – Trigonometry

Grade 11-12

1 Math Elective

Prerequisite: Algebra II

This course would be designed for students who have completed Algebra 2 and want to proceed further into all aspects of trigonometry as a background for possible further study in calculus.

270641 – Mathematics for Business and Industry

Grade 11-12

1 Math Elective

Prerequisite: Algebra II

This course would be designed as an interdisciplinary course that would be offered through the business strand of the career/technical education program. This course would serve as a third mathematics credit for high school graduation requirements.

SCIENCE ([Back to Top](#))

Credits shall incorporate lab-based scientific investigation experiences and include the content strands of biological science, physical science, earth and space science, and unifying concepts. Earth and Physical Science are graduation requirements. Earth, Physical, and Life Science are all graduation requirements.

304611 – Earth Space Science

Grade 9

1 Credit

Students develop a conceptual understanding of Earth/space science, as outlined in Kentucky's Program of Studies, through the use of scientific inquiry. They experience Earth/space concepts such as energy in the Earth system, geochemical cycles, formation and ongoing changes of the Earth system, and formation and ongoing changes of the universe. A scientific inquiry approach uses concrete, hands-on experiences that require students to apply critical thinking skills.

304021 – Physical Science

Grade 10

1 Credit

Students develop a conceptual understanding of physical science, as outlined in Kentucky's Program of Studies, through the use of scientific inquiry. They experience physical science concepts such as structure of atoms, structure and properties of matter, chemical reactions, motions and forces, conservation of energy and increase in disorder, and interactions of energy and matter. A scientific inquiry approach uses concrete, hands-on experiences that require students to apply critical-thinking skills.

304599 – Special Topics: Chemistry

Grade 10

1 Elective Credit

(Elective Only)

The course helps students understand the nature of matter and the structure of atoms, molecules, and ions. Further content of this course will be determined by the teacher/student.

304526 – AP Chemistry

Grade 11-12

1 Credit

Prerequisite: Physical Science

AP Chemistry is the equivalent to a general Chemistry course usually taken in the first year of college. It is designed to comply with College Board recommendations to prepare students for an AP Exam in Chemistry. The course helps build students' understanding of the nature and reactivity of matter. The course begins with the structure of atoms, molecules, and ions; then

students explore how that structure lets us predict and quantify the chemical reactions that substances undergo. AP Chemistry will enable you to develop an understanding of chemical concepts and become skilled at solving quantitative chemical problems through a combination of instructional activities. AP Chemistry is a full credit, two-semester course.

302601 – Life Science (Biology)

Grade 11

1 Credit

Students develop a conceptual understanding of life science, as outlined in Kentucky's Program of Studies., through the use of scientific inquiry. They experience life science concepts such as the cellular organization; molecular basis of heredity; biological change; interdependence of organisms; matter, energy, and organization in living systems; and behavior of organisms. A scientific inquiry approach uses concrete, hands-on experiences that require students to apply critical-thinking skills.

302661 – Genetics

Grades 11-12

1 Credit

Major concepts addressed in this course include mutation, heredity, genetic principles, DNA and RNA, recombination, and viruses.

302616 – Forensics

Grades 11-12

This course is a problem-based inquiry course dealing with Forensic sciences.

302631 – Anatomy

Grades 11-12

1 Credit

Dual Credit-(HEA 110) (BIO 135)

Major concepts addressed in this course include plant structure, animal structure, tissues, organs, and systems.

304899 – Special Topics: Physics

Grades 11-12

1 Credit

The content of the Physics course is determined by the teacher/student.

302646 – AP Biology

Grades 12

1 Credit

Prerequisite: Life Science

AP Biology is designed to be the equivalent of a college introductory biology course usually taken by biology majors during their first year. It aims to provide students with the conceptual framework, factual knowledge and analytical skills necessary to deal critically with the rapidly changing science of biology. The two main goals of AP Biology are to help students develop a conceptual framework for modern biology and to help students gain an appreciation of science as

a process. The ongoing information explosion in biology makes these goals even more challenging. Primary emphasis in an AP Biology course should be on developing an understanding of concepts rather than on memorizing terms and technical details. Essential to this conceptual understanding are the following: a grasp of science as a process rather than as an accumulation of facts; personal experience in scientific inquiry; recognition of unifying themes that integrate the major topics of biology; and application of biological knowledge and critical thinking to environmental and social concerns. AP Biology is representative of the topics covered by the AP exam. Accordingly, goals have been set for percentage coverage of three general areas: Molecules and Cells, 25%, Heredity and Evolution, 25%, Organisms and Populations, 50%. Students should have successfully completed high school biology and high school chemistry.

304620 – Environmental Science

Grades 9-12

1 Credit

This course addresses topics of environmental interest/impact such as water pollution, conservation, forestry, and air pollution.

304821 – Physics I

Grades 9-12

1 Credit

Dual Credit-PHS 101

Students develop a conceptual understanding of physics content through the use of scientific inquiry. They experience concepts such as motion and forces, conservation of energy and the increase in disorder, interactions of energy and matter. A scientific inquiry approach uses concrete hands-on experiences that require students to apply critical thinking skills.

304824 – Honors Physics

Grades 9-12

1 Credit

Dual Credit-PHS 175

Honors Physics is a one-year high school course for students with career plans in science, math, engineering, medicine, and similar fields. This course provides a track for students who want to learn physics as a high level, but who are not interested in the full AP Physics B program. It is an appropriate choice for students interested in medical careers.

SOCIAL STUDIES ([Back to Top](#))

A group of instructional programs that describe the transformation of limited resources into goods and services which, upon distribution, are again transformed by consumption to yield satisfaction of human wants.

451001 – World Civilization

Grade 9

1 Credit

World Civilization is an overview of the leaders, rugged individualists, human events, innovative documents, and multi-ethnic customs that have molded the world into the melting pot

of cultures and customs that we know today as our "world". Assessment is made in order to prepare students for future success as a participant in our society. They need to be able to evaluate and to question the meaning of what they see, read, and hear.

459801 – Integrated Social Studies

Grade 10

1 Credit

Integrated Social Studies is an introductory survey of the various areas of social studies. It is designed to give the student exposure to different topics of social studies to prepare them for the more intensive studies that they will be participating in future courses.

450809 – U.S. History Survey

Grade 11

1 Credit

Dual Credit-HIS 109

U. S. History Survey is a basic overview of the history from colonial times to present; government institutions; applications to daily living.

450879 – AP U.S. History

Grades 11-12

1 Credit

*Shall not replace US History Survey.

Advanced United States History is an overview of the history from Reconstruction through current events; American and world affairs covered at an accelerated pace and in greater detail.

450709 – Human and Cultural Geography

Grades 11-12

1 Credit

Human Geography is a discipline in which the concepts, generalizations, and facts derived from both social and physical sciences converge in the study of specific places and the people who inhabit them. Geography therefore, functions as a bridge linking the social and physical science. Geographers study the interrelations of humans and their environment, patterns of location of human activities, human beings themselves and their cultures and patterns of human variation: regional, national, and global, as well as variations among cultures.

459901 – Psychology

Grades 11-12

1 Credit

Dual Credit-PSY 100

Psychology is an introduction to the basic scientific theoretical principles of individual human behavior. Students will be exposed to various topics in the field of psychology research. (Not to replace US History)

451039 – Law and Justice

Grades 10-12

1 Credit

Elective Only

*Shall not replace required history course.

Law and Justice are a study of lay-civil, criminal, constitutional, and international; the legal and justice systems. Students will examine the need for rules and regulations; interpretations of the constitution, both state and federal; Supreme Court decisions; the Bill of Rights, and individual rights law, criminal law, family law, and consumer law. The study of the basic social contracts of society will enable students to understand the preferred democratic values; justice, equality, responsibility, freedom, rule of law, human rights, honesty, equity, rational process and human dignity.

HEALTH ([Back to Top](#))

Courses that provide students insight into healthy living, including the structure and function of the human body and its system and the importance of physical fitness and sound nutrition.

340133 – Health Education I

Grades 9-12

½ Credit

Health I addresses the topics of mental health, drugs, alcohol, and tobacco, sex education, sexually transmitted diseases, infectious diseases, safety and first aid, cardiopulmonary resuscitation, (CPR), nutrition, consumer health and non-infectious diseases, and practical living. (Shall incorporate all PL and VS core content.)

340216 – Physical Education I

Grades 9-12

1/2 Credit

Physical Education I involves the teaching of lifetime leisure sports, individual sports, and team sports. Skills learned will be reinforced and advanced skills will be introduced.

340219 – Physical Education II

Grades 9-12

1 Credit

Physical Education II is designed for students who desire to develop advanced skills in selected games and sports including physical fitness, sports appreciation, angling and casting, self-defense, and golf. Prerequisite: Physical Education I NOTE: Individual schools may have entrance requirements for placement in Physical Education II.

340220 – Advanced Physical Education III

Grades 9-12

1 Credit

Advanced Physical Education III is designed for students who have a genuine desire to develop their interest and skills to an advanced level to enjoy the physical activities and to pursue a career interest. Prerequisite: Physical Education II NOTE: There are also entrance requirements for placement in Physical Education III.

340217 – Conditioning

Grades 9-12

1 Credit

This course offers the student the opportunity to improve overall physical fitness through aerobic and anaerobic training. Students will help set their own conditioning goals. Elective course only.

CTE COURSES

BUSINESS ([Back to Top](#))

Provides relevant learning that is a critical link to employment and post-secondary education, encourages the development of vital relationships with the business community, and promotes critical thinking and problem solving.

060142 – Word Processing

Grade 9

1 Credit

Intensified work; word processing equipment; word processing center environment (Shall be recommended for all freshman.)

060112 – Computer and Technology Applications

Grades 10-12

1 Credit

Dual Credit OST 101

Prerequisite: Word Processing

Business tasks; vocational typewriting; interoffice correspondence; typewriting production applications

070743 – Advanced Computer Applications

Grades 11-12

1-3 Credits

Dual Credit CPU 150

Prerequisite: Computer and Technology Applications This course is designed to provide students with an advanced-level experience with practical applications through hands-on instruction in such things as various hardware, software, operating systems, and care/operation

060122 – Accounting I

Grades 10-12

1 Credit

Basic accounting, accounting cycle, depreciation, accruals

070122 – Accounting II

Grades 11-12

1, 2, 3 Credits

Prerequisite: Accounting I

Advanced accounting, business ownership, simulations, managerial accounting, and spreadsheets.

060111 – Business Principles and Application

Grades 10-11

1 Credit

Describes processes of business, non-profit public and private institutions and agencies, money, banking, consumer purchasing, credit, and business vocabulary

060121 – Business Law

Grades 11-12

1, 2, 3 Credits

Students learn about business agreements, negotiable instruments, and debtor creditor relationships

FAMILY AND CONSUMER SCIENCE ([Back to Top](#))

A group of instructional programs that prepares individuals for the family and consumer sciences skills needed for life; emphasizing the comprehension of attitudes, standards, values and skills relevant to individual and family life and nurturing.

200113 – Life Skills

Grades 9-10

1 Credit

Introductory course; meal preparation and nutrition; home environment; child development; consumer education; family living; careers; enabling skills and process

200441 – Foods and Nutrition

Grades 10-12

½ Credit

Nutrition; food preparation skills; entertaining; table settings; food buying; budgeting

200451 – Culinary Skills

Grades 10-12

1/2 Credit

Prerequisite: Foods and Nutrition

Advanced course to provide training for employment in hospitality services area of food service; skills and concepts related to supportive services such as public relations, food and beverage operation, management techniques and entrepreneurship; related on-job experiences

200411 – Commercial Foods I

Grades 10-12

3 Credits

Prerequisite: Foods and Nutrition and Culinary Skills

Public food service; short order cooking; restaurant equipment operation; dining room operations; sanitation; planning, selecting, storing purchasing, preparing and serving quality food and food products; nutritive values; use and care of commercial equipment, serving techniques; special diets

200412 – Commercial Foods II

Grades 11-12

1 Credit

Prerequisite: Commercial Foods I

Food preparation; bakery operation; dinner catering; model restaurant; laws and regulations; unions; safety, sanitation; receive, store and issue food.

200121 – Money Skills

Grades 10-12

1 Credit

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.

200821 – Fashion and Interior Design I

Grades 10-12

1 Credit

This course provides opportunities for students to develop career competencies in the fashion and/or interiors industry by applying information related to social, economic, and media influences. Students apply knowledge of design principles and processes through skill performance activities.

200825 – Fashion and Interior Design II

Grades 11-12

1 Credit

Prerequisite: Fashion and Interior Design I

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.

INFORMATION TECHNOLOGY ([Back to Top](#))

Prepares students for careers by applying technical knowledge and skills in the rapidly growing fields of computer networking, programming, digital media, support services, and e-commerce/web design.

110802 – Web Page Design

Grades 11-12

1 Credit

Dual Credit Hours: 3

Dual Credit Course #:

Students analyze the structure of the worldwide web, apply basic principles of web documents and HTML, and develop multi-media web pages. Course content will include the understanding of hypertext and web structures. Equipment such as scanners, digital and video cameras, and sound devices will be utilized through hands-on instruction.

Software: Adobe Dreamweaver CS3

Curriculum: Adobe Dreamweaver CS3 Comprehensive Concepts and Techniques

110803 – Multimedia Publishing (TV & Radio)

Grades 11-12

1 Credit

This hands-on course applies publishing and presentation concepts through the development of sophisticated business documents and projects. These documents include, but are not limited to, brochures, manuscripts, reports, programs, catalogs, newsletters, flyers, business forms, and graphs, web pages, onscreen presentations, and video productions. Equipment 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.

110852 – Special Topics, Web Page Design

Grades 11-12

Prerequisite: 110802 - Web Page Design

1-3 Credits

Adobe Flash CS3 Revealed provides a comprehensive yet concise introduction to the new Flash CS3 Professional. The book begins with a discussion of fundamental concepts, which provide a context for learning and set the stage for specific Flash skill development. A series of step-by-step tutorials follows, covering the range of basic to intermediate skills, including creating animations, using special effects, drawing objects, incorporating sound and video, and using ActionScript. These topics, along with coverage of the updated features of Flash CS3 Professional- such as enhancements to the workspace, importing Photoshop and Illustrator files, the Flash planning and workflow processes, and the Help feature- make this book an indispensable resource in the library of anyone who wants to take full advantage of Flash CS3.

Software: Adobe Flash CS3

Curriculum: Adobe Flash CS3 Revealed, 1st Edition

110901 – Networking (Cisco I, II, III, IV, Net+, Novell, Nortel, etc.)

Grades 10-12

1-8 Credits

Dual Credit Hours: 4 per class , 16 total

Dual Credit Course #'s: IT 120, 122, 220, 222

Focuses on the design, implementation and management of linked systems of computers, peripherals, associated software. Includes introduction in systems and applications; systems design and analysis; networking theory and solutions; types of networks; network management and control; network and flow optimization; security; configuring; and troubleshooting.

110102 – Help Desk

Grade 11-12

1 Credit

Prerequisite: Cisco III & IV or Advanced Computers

Students will learn networking concepts, computer support services; industry recognized

certification training, advanced web design, and career exploration while organizing a student-run Technology Help Desk.

110101 – Computer Maintenance & Support Services (CompTIA, Net+, IT Essentials, etc.)

Grades 9-12

1-8 Credits

Focuses on the design of computing systems. Includes instruction in the principles of computer hardware & software components, algorithms data basis, telecommunications, etc.

MARKETING EDUCATION ([Back to Top](#))

A program area that consist of a summary of groups of instructional programs that prepare individuals for occupations directed toward and incident to the flow of instructional and consumer goods in channels of trade, or the provision of services to consumers or users. These programs are concerned with marketing, sales, distribution, merchandising, and management.

080716 – Principles of Marketing

Grades 10-12

1-3 Credits

This course provides a basic foundation for further study in marketing. The following concepts are discussed such as advanced marketing, marketing process control, specialized marketing, distribution economics, and pricing merchandise.

081411 – Retail Marketing (School Store)

Grades 11-12

1-3 Credits

Prerequisite: Principles of Marketing

This course is designed to provide an overview of the marketing responsibilities employed in the retail industry. Emphasis is placed on basic marketing, purchasing, distribution, selling, display, and merchandising.

081511 – Advertising & Promotion

Grades 10-12

1-3 Credits

This course is designed to provide students with a realistic “hands-on” applications of techniques used in the advertising and promotion of goods and services. Students use typical media software, media equipment, while being exposed to all forms of media (print, web page, etc.), methods, budgets, and evaluations used by industry. Leadership development will be provided through DECA.

VISUAL ARTS ([Back to Top](#))

Visual Arts courses provide students with knowledge and opportunities to explore a variety of art forms and to create individual works of art. Courses address design elements and principles, language, materials, and processes used to produce various kinds of visual arts. As students advance they are encouraged to develop their own creative styles.

500711 – Creative Art (Art I)

Grades 9-12

1 HS Credit

Creative Arts courses provide students with knowledge and opportunities to explore a variety of art forms and to create individual works of art. Courses address design elements and principles, language, materials, and processes used to produce various kinds of visual arts. As students advance they are encouraged to develop their own creative styles. Although the focus of most of these courses is on production art, study of major artists, art movements, and styles may also be included. Career opportunities in visual art may also be explored.

500714 – Art Portfolio (Art II)

Grades 10-12

1 HS Credit

Must have Creative Art. Intended for students who are gifted in visual art, Art Portfolio course offers the opportunity to create a professional body of work that reflects personal style and talent. Students are encouraged to display their work publicly.

500212 – Ceramics/Pottery (Visual Communication Art 480200-KCTCS)

Grades 10-12

1 HS Credit

Dual Credit-PC 220

Ceramics/Pottery focuses on creating threedimensional works out of clay and ceramic material. Particular attention is paid to the characteristics of the raw materials, the transformation under heat, and the various methods by which objects are created and finished.

500715 – AP Studio Art-General Portfolio

Grades 11-12

1 HS Credit

Prerequisite: Art I & Art II

Designed for students with a serious interest in art, AP Studio Art-General Portfolio course enables students to refine their skills and create artistic works to be submitted to the College Board for evaluation. Given the nature of the AP evaluation, the course typically emphasizes quality of work, attention to the exploration of a particular visual interest or problem, and breadth of experience in the formal, technical, and expressive aspects of the student's work. AP Studio Art-General Portfolio evaluations require submission of artwork exemplifying talent in drawing, color organization, design, and sculpture.

500111 – History and Appreciation of Visual Performing Arts

Grades 11

1 Credit

Required for graduation from high school. A study of the humanities through the arts. Addresses the historic development, cultural contexts, aesthetic qualities, elements and principles, and creative processes for the visual and performing arts.

DRAMA

A group of instructional courses that address the dramatic performance and various aspects of theatre production.

500513 – Acting/Performance

Grades 9-12

1 HS Credit

Drama-Acting/Performance courses are intended to promote students' experience and skill development in one or more aspects of theatrical performance. Initial courses are introductory while advanced courses focus on improving performance skills, expanding exposure to different theatrical techniques, and increasing capacity to participate in public performances.