

FARRAGUT HIGH SCHOOL

Program of Studies

11237 Kingston Pike
Knoxville, TN 37934
(865) 966-9775



Email: farraguthigh@knoxschools.org
Website: farraguths.knoxschools.org

FARRAGUT HIGH SCHOOL

COURSE OFFERINGS

AP CAPSTONE PROGRAM

The AP Capstone Program is an innovative program developed by the College Board that allows students to earn an AP Capstone Diploma. Students must take four AP courses of their choosing and pass the associated AP exams with a score of a 3 or higher and then complete the two course AP Capstone series, passing those exams as well in order to qualify for the AP Capstone Diploma.

Students may begin taking the AP Seminar course, the first in the series of the required Capstone classes, during the sophomore year. The AP Seminar course must be completed before the senior year in order for students to qualify for the AP Capstone Diploma. Keep in mind, that if the AP Research class is taken the senior year, students will not know if they earned the AP Capstone Diploma until after graduation.

AP courses students intend to count towards the four required AP courses must be taken during high school. Students must take and pass the AP course in addition to earning a 3 or higher on the AP exam in order to be considered for the AP Capstone Diploma. Students who enroll in the AP Seminar course are committing to complete the AP Research course before graduation.

COURSE TITLE: AP SEMINAR

CREDIT: 1

PREREQUISITES: Successful completion of at least one AP course

GRADES: 10, 11

AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicated evidence-based arguments.

COURSE TITLE: AP RESEARCH

CREDIT: 1

PREREQUISITES: AP SEMINAR

GRADES: 10, 11, 12

AP Research, the second course in the AP Capstone experience, allows students to deeply explore an academic topic, problem, issue, or idea of individual interest. Students design, plan, and implement a yearlong investigation to address a research question. Through this inquiry, they further the skills they acquired in the AP Seminar course by learning research methodology, employing ethical research practices, and accessing, analyzing, and synthesizing information. Students reflect on their skill development, document their processes, and curate the artifacts of their scholarly work through a process and reflection portfolio. The course culminates in an academic paper of 4,000 – 5,000 words (accompanied by a performance, exhibit, or product where applicable) and a presentation with an oral defense.

VISUAL ARTS DEPARTMENT

COURSE TITLE: ART I - INTRODUCTION TO ART

CREDIT: 1

PREREQUISITE: NONE

GRADES: 9, 10, 11, 12

Introduction to Art is a survey course designed to answer the question "What is art?" Students discover the answers to this question through exploration of masterpieces in art history as well as through production of their own work. Studio experiences include drawing, painting, printmaking, and sculpture. The purpose of this course is to broaden each student's knowledge and appreciation of art, to strengthen technical and compositional skills, to develop critical analysis skills, and to prepare them for higher level art courses. Course includes unit tests and a final end of course exam.

ADVANCED ART COURSES

All advanced art courses may be taken repeatedly for credit. Advanced art courses are studio classes designed for serious students who have completed one term of Art I and who, in the judgment of the instructor, show sufficient level of interest and/or ability that would warrant continued study in Visual Arts. The student will concentrate on media specific studio experiences (refer to the list below). A strong emphasis will be placed on the development of the student's technical and conceptual skills in addition to continued study of aesthetics, critical analysis, and art history.

Note: All Advanced Art courses will not be offered every semester.

COURSE TITLE: ART HISTORY

CREDIT: 1

PREREQUISITE: ART I, TEACHER RECOMMENDATION

GRADES: 9, 10, 11, 12

This course is a challenging and exciting survey which explores art and its relationship to history, politics, religion, and culture.

COURSE TITLE: CERAMICS (CLAY)

CREDIT: 1

PREREQUISITE: ART I, TEACHER RECOMMENDATION

GRADES: 9, 10, 11, 12

The ceramics course uses the media of clay to explore critical thinking and problem solving. Handbuilt and wheel thrown methods of construction are used to create utilitarian and sculptural clay forms. This course also addresses the history of ceramics as well as consumer issues. Firings are primarily low-fire electric, however, Raku and primitive firings are used to some extent.

COURSE TITLE: DRAWING

CREDIT: 1

PREREQUISITE: ART I, TEACHER RECOMMENDATION

GRADES: 9, 10, 11, 12

This course offers an opportunity for the serious student to build and expand their drawing skills in a variety of media. There is a strong emphasis on drawing from observation and risk taking with materials.

COURSE TITLE: PAINTING

CREDIT: 1

PREREQUISITE: ART I, TEACHER RECOMMENDATION

GRADES: 9, 10, 11, 12

This course offers a structured exploration of painting techniques, materials, and media designed to help students develop personal style and self-expression.

COURSE TITLE: PAPER

CREDIT: 1

PREREQUISITE: ART I, TEACHER RECOMMENDATION

GRADES: 9, 10, 11, 12

This course explores the possibilities of paper – from creating hand made paper to bookbinding, collage, and 3-dimensional pieces.

COURSE TITLE: PRINTMAKING CREDIT: 1

PREREQUISITE: ART I, TEACHER RECOMMENDATION GRADES: 9, 10, 11, 12

The Printmaking course provides studio experiences in relief, intaglio, collograph, monoprint, and silk screen.

COURSE TITLE: SCULPTURE CREDIT: 1

PREREQUISITE: ART I, TEACHER RECOMMENDATION GRADES: 9, 10, 11, 12

This is a three-dimensional media class which explores four categories of sculpture: carving, casting, modeling and construction.

COURSE TITLE: HONORS VISUAL ART CREDIT: 1

PREREQUISITE: ART I, 2 ADVANCED ART CLASSES & TEACHER RECOMMENDATION GRADES: 11, 12

This is a rigorous advanced art class that enables highly motivated students to complete studio art in various media. This class is necessary to help prepare for the Advanced Placement Studio breadth component.

COURSE TITLE: ADVANCED PLACEMENT ART HISTORY CREDIT: 1

PREREQUISITE: TEACHER RECOMMENDATION GRADES: 9, 10, 11, 12

Advanced Placement (AP) Art History is an introductory college-level course covering Ancient through Contemporary Art styles. This course is reading and writing intensive. AP Art History is based on a written exam which tests the student's knowledge of art movements and artists, world cultures, world history, and the integration and influences of art and history. The program is intended for highly motivated students who can work independently and have a serious commitment to studying art and/or history. There is an additional fee for the Advanced Placement Test.

COURSE TITLE: ADVANCED PLACEMENT STUDIO ART CLASSES: DRAWING, 2-D DESIGN, and 3-D DESIGN CREDIT: 1

PREREQUISITE: ART I AND TWO ADVANCED LEVEL COURSES, TEACHER RECOMMENDATION GRADES: 11, 12

Advanced Placement (AP) Art enables highly motivated students to complete work in studio art while still in high school. College credit for AP Studio Art is not based on a written exam as most other AP courses; instead, students submit a portfolio of art work for evaluation in May. AP work involves significantly more time and commitment than most high school courses and may include summer assignments. Therefore, the program is intended for students who can work independently and are seriously committed to studying art. Students participating in the AP program will complete a portfolio of 30 quality pieces of art work. There are three portfolios to choose from: Drawing, 2-D design, or 3-D design. There is an additional fee for the Advanced Placement Test.

BUSINESS AND MARKETING

COURSE TITLE: COMPUTER APPLICATIONS

CREDIT: 1

PREREQUISITE: NONE

GRADES: 9, 10

This course is designed to develop computer technology skills. Students will use a variety of computer software and hardware tools and features of an electronic information network. Students will explore the historical, social, and ethical issues of using computer technology. The students will develop skills that will assist them with efficient production of word processing documents, spreadsheets, databases, and presentations. Students will learn MSOffice Suite-Word, Excel, PowerPoint, and Access as well as the current operating system.

COURSE TITLE: ADVANCED COMPUTER APPLICATIONS

CREDIT: 1

PREREQUISITE: COMPUTER APPLICATIONS

GRADES: 10, 11, 12

This is a course in which students will learn necessary skills in problem solving using current and emerging integrated technology to include a variety of input technologies in the production of professional quality business documents and presentations. The course focuses on student choice, accountability and performance. Students increase their employability by working toward the attainment of high-level skills in the areas of integrated software applications, communication skills, ethical issues, human relations, leadership, self-management, and workplace management.

COURSE TITLE: INTRODUCTION TO BUSINESS AND MARKETING

CREDIT: 1

PREREQUISITE: NONE

GRADE: 9, 10

This course helps students prepare for the growing complexities of the business world by examining basic principles of business, marketing, and finance in addition to exploring aspects of leadership, ethical and social responsibilities, and careers. Students' academic skills in communications, mathematics, and economics are reinforced with activities modeled in the context of business topics.

Upon completion of this course, proficient students will be equipped with the foundational skills to succeed in any of the Business, Marketing, or Finance programs of study and will be prepared to make an informed decision regarding which pathway they would like to pursue in high school.

COURSE TITLE: ACCOUNTING I

CREDIT: 1

PREREQUISITE: NONE

GRADES: 10, 11

This course introduces concepts and principles based on a double-entry system of maintaining the electronic and manual financial records of a sole proprietorship, partnership, and corporation. It includes analyzing business transactions, journalizing, posting, and preparing worksheets and financial statements. Students also learn to prepare payroll and the transactions involved with payroll for a sole proprietorship.

COURSE TITLE: ACCOUNTING II

CREDIT: 1

PREREQUISITE: ACCOUNTING I

GRADES: 11, 12

This course offers an advanced study of concepts, principles, and techniques in keeping the electronic and manual financial records of a sole proprietorship, partnership, and corporation. It includes a review of and more in-depth study of Accounting I theory and practices. In addition, departmental, management, cost, and not-for-profit accounting systems are explored. This class uses the computerized accounting entry method.

The honors section of this course requires additional writing assignments and projects for the units of study. Honors students will choose from a variety of projects and assignments and those will be completed at different intervals during the course.

COURSE TITLE: PERSONAL FINANCE

CREDIT: ½

PREREQUISITE: NONE

GRADES: 12

Personal Finance is a course designed to help students understand the impact of individual choices on occupational goals and future earnings potential. Real work topics covered will include income, money management, spending and credit, as well as saving and investing. Students will design personal and household budgets; simulate use of checking and saving accounts; demonstrate knowledge of finance, debt, and credit management; and evaluate and understand insurance and taxes. This course will provide a foundational understanding for making informed personal financial decisions.

The Honors section of this course requires additional writing assessments and projects for the units of study. Honors students will choose from a variety of projects and assessments and those will be completed at different intervals during the course.

COURSE TITLE: BUSINESS COMMUNICATIONS

CREDIT: 1

PREREQUISITE: COMPUTER APPLICATIONS RECOMMENDED

GRADES: 10, 11, 12

This course prepares students for oral and electronic business communications in the 21st century including social media as well as developing skills in electronic publishing, design, layout, composition and video conferencing. Students will review and practice successful styles and methods for completing college applications, creating resumes, interviewing, and developing techniques.

COURSE TITLE: WEB DESIGN I FOUNDATIONS

CREDIT: 1

PREREQUISITE: COMPUTER SCIENCE FOUNDATIONS, ALGEBRA I & GEOMETRY

GRADES: 10, 11, 12

Web Design Foundations is a course that prepares students with work-related web design skills for advancement into postsecondary education and industry. The course is intended to develop fundamental skills in the practical application of the basic web design and development process. Students will be using HTML5 and CSS3 to complete their web pages. An end of course project requires students to create a website for an actual client.

COURSE TITLE: VIRTUAL ENTERPRISE INTERNATIONAL

CREDIT: 1 - 2

PREREQUISITE: MARKETING 1 RECOMMENDED (APPLICATION REQUIRED)

GRADES: 11, 12

A one or two unit credit course for 11-12. This course is a simulated business environment. The Virtual Enterprise International (VE) students will be involved in the actual on the job work experiences, including accounting, personnel administration, management and marketing. The only difference between the VE and an actual business is that no material goods are produced or legal tender exchanged. Students are interviewed and hired into jobs based on skills learned in previous courses. Working in these jobs, the student will develop and enhance oral and written communication skills through initiative, responsibility, and creativity. The course will link learning to application and real-life experiences. The goal is to create a learning environment that integrates school and work place to enhance learning. Laboratory facilities and experiences simulate those found in business and industry. This course is trademarked by the New York City Department of Education.

COURSE TITLE: MARKETING AND MANAGEMENT PRINCIPLES I

CREDIT: 1

PREREQUISITE: NONE

GRADES: 10, 11

This course is designed to focus on the study of marketing concepts and their practical application. Students will examine risks and challenges marketers face to establish a competitive edge. Subject matter includes economics, marketing foundations/functions, and human resource leadership development. Skills in communication, mathematics economics, and psychology are reinforced in this course.

COURSE TITLE: MARKETING AND MANAGEMENT II: ADVANCED STRATEGIES CREDIT: 1

PREREQUISITE: MARKETING AND MANAGEMENT PRINCIPLES I RECOMMENDED GRADE: 11, 12

This course is a study of marketing concepts and principles used in management. Students will examine the challenges, responsibilities, and risk managers face in today's workplace. Subject matter includes finance, business ownership, risk management, marketing information systems, purchasing, promotion, and human resource skills. Students will also be offered an opportunity to gain knowledge and develop skills related to the growing sports and entertainment industry.

Honors Marketing and Management II: Advanced Strategies is a thorough study of marketing concepts and principles used in management. Honor students will examine, experience, and present the challenges, responsibilities, and risks managers face in today's workplace. Subject matter includes finance, business ownership, risk management, marketing information systems, purchasing, promotion, and human resources skills.

COURSE TITLE: ADVERTISING AND PUBLIC RELATIONS CREDIT: 1

PREREQUISITE: MARKETING AND MANAGEMENT PRINCIPLES I RECOMMENDED GRADE: 11, 12

This course will focus on the concepts and strategies associated with promoting products, services, ideas, and events. This applied knowledge course addresses skills essential to the creative side of the industry and explores behavior patterns and motivations for buying. Students will demonstrate proficiency in fundamental advertising and public relations concepts by creating an electronic portfolio of representative course projects demonstrating a progressive level of skills and knowledge.

COURSE TITLE: COMPUTER SCIENCE FOUNDATIONS CREDIT: 1

PREREQUISITE: NONE GRADE: 9, 10

A course intended to provide students with exposure to various information technology occupations and pathways such as Networking Systems, Coding, Web Design, and Cybersecurity. As a result, students will complete all core standards, as well as standards in two of four focus areas. Upon completion of this course, proficient students will be able to describe various information technology (IT) occupations and professional organizations. Moreover, they will be able to demonstrate logical thought processes and discuss the social, legal, and ethical issues encountered in the IT profession. Depending on the focus area, proficient students will also demonstrate an understanding of electronics and basic digital theory; project management and teamwork; client relations; causes and prevention of Internet security breaches; and writing styles appropriate for web publication.

COURSE TITLE: CODING I CREDIT: 1

PREREQUISITE: ALGEBRA I GRADE: 10, 11, 12

This course is intended to teach students the basics of computer programming. The course places emphasis on practicing standard programming techniques and learning the logic tools and methods typically used by programmers to create simple computer applications. Upon completion of this course, student proficient in programming and logic can solve problems by planning multistep procedures. They are able to write, analyze, review, and revise programs, converting detailed information from workflow charts and diagrams into coded instructions in a computer language.

COURSE TITLE: CODING II CREDIT: 1

PREREQUISITE: CODING I GRADE: 10, 11, 12

This course is designed to challenge students to develop advanced skills in problem analysis, construction of algorithms, and computer implementation of algorithms as they work on programming projects of increased complexity. In doing so, they develop key skills of discernment and judgment as they must choose from among many languages, development environments, and strategies for the program life cycle. Course content is reinforced through numerous short- and long-term programming projects, accomplished both individually and in small groups. These projects are meant to hone the discipline and logical thinking skills necessary to craft error-free syntax for the writing and testing of programs. Upon completion of this course, proficient students will demonstrate an understanding of object-oriented programming language using high-level languages such as FOCUS, Python, or SAS.

COURSE TITLE: MOBILE APP DEVELOPMENT

CREDIT: 1

PREREQUISITE: CODING I OR
MATH COMPUTER APPLICATIONS

GRADE: 11, 12

A course intended to teach students the basic concepts and skills of mobile app design. The course places an emphasis on the history of mobile technologies, design and development methodologies, code for mobile applications, application lifecycles, APIs, mobile device controls, user interfaces, deployment, publishing for mobile devices, developer tools, and career development. Upon completion of this course, proficient students will be demonstrate and understanding of mobile app development concepts.

CAREER AND TECHNICAL EDUCATION

COURSE TITLE: DIGITAL ARTS AND DESIGN I

CREDIT: 1

PREREQUISITE: KEYBOARDING SKILLS RECOMMENDED

GRADES: 9, 10

This is a foundational course in the Arts, A/V Technology & Communications cluster for students interested in art and design professions. The primary aim of this course is to build a strong understanding of the principles and elements of design and the design process. Upon completion of this course, proficient students will be able to utilize industry tools to conceptualize and create communications solutions which effectively reach targeted audiences. Students will acquire basic skills in illustration, typography, and photography. Standards in this course include career exploration, an overview of the history of design, basic business management, and legal issues. In addition, students will begin compiling artifacts for inclusion in a portfolio, which they will carry with them throughout the full sequence of courses in this program of study.

COURSE TITLE: DIGITAL ARTS AND DESIGN II

CREDIT: 1

PREREQUISITE: DIGITAL ARTS AND DESIGN I

GRADES: 11, 12

This is a course that builds on the basic principles and the design process learned in the introductory *Digital Arts & Design* course. Upon completion of this course, proficient students will be able to perform advanced software operations to create photographs and illustrations of increasing complexity. Students will employ design principles and use industry software to create layouts for a variety of applications. Standards in this course also include an overview of art and design industries, career exploration, and business management. In addition, students will begin compiling artifacts for inclusion in a portfolio, which they will carry with them throughout the full sequence of courses in this program of study.

* Students in *Digital Arts and Design II* will be designing the FHS yearbook. Students need to submit an application in early spring.

COURSE TITLE: DIGITAL ARTS AND DESIGN III

CREDIT: 1

PREREQUISITE: DIGITAL ARTS AND DESIGN I, DIGITAL ARTS AND DESIGN II
RECOMMENDED, APPLICATION REQUIRED

GRADES: 11, 12

This is the third course in the Digital Arts & Design program of study. Applying design skills developed in prior courses, students will expand their creative and critical thinking skills to create comprehensive multimedia projects and three-dimensional design. Upon completion of this course, proficient students will be able to use industry-standard software to create multimedia projects, web pages, three-dimensional models, and animations. Students will utilize research techniques to plan and enhance project outcomes. Standards in this course also include professionalism and ethics, career exploration, and business and project management. In addition, students will begin compiling artifacts for inclusion in a portfolio, which they will carry with them throughout the full sequence of courses in the program of study.

* Students in *Digital Arts and Design III* will be designing the FHS yearbook. Students need to submit an application in early spring.

COURSE TITLE: WORK-BASED LEARNING: DESIGN/YEARBOOK

CREDIT: 1-2

PREREQUISITE: 16 YEARS OLD, 2 CREDITS IN DESIGN COURSES,
APPLICATION PROCESS

GRADES: 11, 12

Work-Based Learning: Design/Yearbook is a course intended to provide students with opportunities to apply the skills and knowledge learned in previous CTE and general education courses within a professional work environment. The course allows students to earn high school credit for select models of work-based learning, which allow students to interact with industry professionals in order to extend and deepen classroom work and support the development of postsecondary and career readiness knowledge and skills.

*Students in *Work-Based Learning: Design/Yearbook* will be designing the FHS yearbook. Students need to submit an application in early spring.

COURSE TITLE: HEALTH SCIENCE EDUCATION

CREDIT: 1

PREREQUISITE: NONE

GRADES: 9, 10, 11

This course is an introduction to broad standards that serve as a foundation for Health Care Occupations and functions across health services. Units included are academics in health care communications systems, legal responsibilities, ethics, teamwork, and safety practices.

COURSE TITLE: MEDICAL THERAPEUTICS CREDIT: 1

PREREQUISITE: HEALTH SCIENCE EDUCATION GRADES: 10, 11, 12

This course provides knowledge and skills to maintain or change the health status of an individual over time. This could include such careers or career areas as dental, dietetics, medical assistance, home health, nursing, pharmacy, respiratory, social work, nutritionist, physician, psychiatrist, psychologist, veterinarian, gerontology service provider, medical practice owner, attorney for health care.

COURSE TITLE: REHABILITATION CAREERS CREDIT: 1

PREREQUISITE: HEALTH SCIENCE EDUCATION GRADES: 10, 11, 12

This course will focus on enabling the person to live to the fullest capacity possible. Units will include sports medicine, physical therapy, occupational therapy, speech / language therapy, art, music, dance therapy, and others.

COURSE TITLE: DIAGNOSTIC MEDICINE CREDIT: 1

PREREQUISITE: HEALTH SCIENCE EDUCATION GRADES: 10, 11, 12

Diagnostic Medicine creates a picture of an individual's health status at a single point in time. This could include following careers and career areas: audiologist, cardiology, imaging, medical laboratory, radiography, nuclear medicine, stereotactic radiosurgery, cytotechnology, clinical laboratory technician, pathologists, medical physician, histotechnologist.

COURSE TITLE: CLINICAL INTERNSHIPS CREDIT: 1

PREREQUISITE: HEALTH SCIENCE EDUCATION AND ANY OF THE FOLLOWING: GRADES: 11, 12
MEDICAL THERAPEUTICS, REHABILITATION CAREERS, DIAGNOSTIC MEDICINE
**STUDENTS MUST BE AT LEAST 16 YEARS OLD TO BE ENROLLED IN THIS COURSE.*

The internships should be completed in a hospital, nursing home, rehab center, medical office, or other health care related facility. Students observe for 6 hours/week health care professionals and write daily reflections about their experiences.

COURSE TITLE: COMPUTER SYSTEMS CREDIT: 1

PREREQUISITE: COUMPUTER SCIENCE FOUNDATIONS GRADES: 10, 11

Computer Systems is an intermediate course designed to prepare students with work-related skills and aligned certification in the information technology industry. Content provides students the opportunity to acquire knowledge in both theory and practical applications pertaining to hardware, operating systems, safe mode, command prompt, security, networking, printers, peripheral devices, laptops, mobile devices, troubleshooting, and customer service management. Upon completion of the course, proficient students will have acquired skills and knowledge to install, configure, and maintain computer systems. Students who are proficient in this course will be eligible to pursue the IT industry-standard credential, CompTIA's A+ certification. Standards in this course are aligned with Tennessee State Standards for English Language Arts & Literacy in Technical Subjects.

COURSE TITLE: CYBERSECURITY I CREDIT: 1

PREREQUISITES: COMPUTER SCIENCE FOUNDATIONS GRADES: 10, 11, 12
ALGEBRA I

Cybersecurity I is a course intended to teach students the basic concepts of cybersecurity. The course places an emphasis on security integration, application of cybersecurity practices and devices, ethics, and best practices management. The fundamental skills in this course cover both in house and external threats to network security and design, how to enforce network level security policies, and how to safeguard an organization's information. Upon completion of this course, proficient students will be demonstrate and understanding of cybersecurity concepts, identify fundamental principles of networking systems, understand network infrastructure and network security, and be able to demonstrate how to implement various aspects of security within a networking system.

COURSE TITLE: CRIMINAL JUSTICE I

CREDIT: 1

PREREQUISITE: NONE

GRADES: 9, 10

Criminal Justice I is the second course in Law Enforcement Services and the Legal and Correctional Services programs of study. It serves as a comprehensive survey of how the law enforcement, legal, and correctional systems interact with each other in the United States. Upon completion of this course, proficient students will understand the context of local, state, and federal laws, have investigative skills pertaining to basic crime scenes and incident documentation, and understand the importance of communications and professionalism in law enforcement.

COURSE TITLE: CRIMINAL JUSTICE II

CREDIT: 1

PREREQUISITE: PRINCIPALS OF LAW, CORRECTIONS & SECURITY
CRIMINAL JUSTICE I

GRADES: 11, 12

Criminal Justice II is an integrated survey of the law and justice systems for students interested in pursuing careers in law enforcement and legal services. From initial crisis scenario management to arrest, transport, trial, and corrections, procedures and laws governing the application of justice in the United States are examined in detail, with special emphasis on the best practices and professional traits required of law enforcement and legal professionals. Upon completion of this course, proficient students will be prepared for advanced work in crime scene analysis and forensic science, and have strong knowledge and skill preparation for postsecondary or career opportunities in associated fields.

COURSE TITLE: CRIMINAL JUSTICE III: INVESTIGATION

CREDIT: 1

PREREQUISITE: PRINCIPLES OF LAW, CORRECTIONS & SECURITY
CRIMINAL JUSTICE I & II

GRADE: 12

Criminal Justice III: Investigations is the final course designed to equip students with the knowledge and skills to be successful in the sciences of criminal investigations. Students will learn terminology and investigation skills related to the crime scene, aspects of criminal behavior, and applications of the scientific inquiry to solve crimes. By utilizing the scientific inquiry method, students will obtain and analyze evidence through simulated crime scenes and evaluation of case studies. Upon completion of this course, proficient students will be able to identify careers in forensic science and criminology, summarize the laws that govern the application of forensic science, and draw key connections between the history of the forensic science system and the modern legal system.

DRIVER EDUCATION

COURSE TITLE: DRIVER EDUCATION/SAFETY

CREDIT: 1

PREREQUISITE: 1) STUDENT MUST BE AT LEAST 15 YEARS OLD

GRADES: 10, 11, 12

- 2) RECOMMENDED STUDENT HAVE HEALTH INSURANCE OR SCHOOL INSURANCE
- 3) STUDENT MUST BE ELIGIBLE TO OBTAIN A VALID TENNESSEE LEARNER'S PERMIT OR LICENSE
Student must pass at least 3 of 4 classes to keep permit or license and take this class.
- 4) STUDENT MUST PAY A \$150 FEE TO HELP DEFRAY COST OF CAR LEASE, GAS, AND INSURANCE

Driver Education is available to students in grades 10-12 who are at least fifteen years of age prior to beginning the course. The instructional phases consist of classroom, driving range, and on-street instruction. In addition to driver education skills, general safety procedures are also taught.

ENGLISH

COURSE TITLE: ENGLISH I CP CREDIT: 1

RECOMMENDATION: GRADE LEVEL READING AND LANGUAGE SKILLS, GRADE: 9
PREVIOUS ACADEMIC PERFORMANCE AND 8TH GRADE
TEACHER RECOMMENDATION

College Prep English I is a course for students who are functioning on grade level or above in language arts and reading. These students have scored average or above average on a standardized test in reading/language and have demonstrated an average or above average ability to perform grade-level language skills. The curriculum includes a study of grammar and language, study skills, library skills, composition skills, literature, and vocabulary. All students at this level will be required to write a research paper.

COURSE TITLE: HONORS ENGLISH I CREDIT: 1

PREREQUISITE: STANDARDIZED TEST SCORES, GRADE: 9
TEACHER RECOMMENDATION, AND ACADEMIC PERFORMANCE

Honors English I is a course for students who are functioning above grade level in language arts and reading. These students have scored above average in reading/language on a standardized test and have demonstrated competency in grammar and composition skills in the 8th grade. They must have the motivation and desire to participate in the program. This Honors course includes an in-depth study of composition, research, and literary analysis; it requires advanced study techniques and outside readings, **including outside reading between the 8th and 9th grades**. All students at this level will be required to write a research paper.

COURSE TITLE: HONORS ENGLISH I/AP WORLD HISTORY CREDIT: 1 EACH

PREREQUISITE: STANDARDIZED TEST SCORES, GRADE: 9
TEACHER RECOMMENDATION, AND ACADEMIC PERFORMANCE

The two-credit, year-long course combines Advanced Placement World History and Honors English I. As a pre-AP English course, Honors English I includes focused study in composition, research, rhetoric, and literary genres. Students in Honors English I are required to complete outside reading between 8th and 9th grades, an English research paper, and a variety of informal and formal essays. With a strong emphasis on historical analysis and writing, Advanced Placement World History provides an in-depth look at the economic, political, cultural, social, and environmental development of major civilizations in Africa, the Americas, Asia, and Europe from 8000 B.C. to present.

COURSE TITLE: ENGLISH II CP CREDIT: 1

PREREQUISITE: SUCCESSFUL COMPLETION OF ENGLISH I CP GRADE: 10

College Prep English II is a course for students who have successfully demonstrated an average or above average ability to perform grade-level language, analytical, composition, and reading skills. The curriculum includes further development in literary analysis, vocabulary development, and composition. All students at this level will be required to write a research paper.

COURSE TITLE: HONORS ENGLISH II CREDIT: 1

PREREQUISITE: SUCCESSFUL COMPLETION OF HONORS ENGLISH I GRADE: 10
OR RECOMMENDATION FROM 9 CP TEACHER

Honors English II is a course for students who have demonstrated a mastery of grammar, writing, and reading skills in the English I college prep or honors level. The curriculum is an in-depth study of critical thinking and analytical skills and includes the development of composition, literary analysis, research, and speaking skills. Outside reading is required. This course is in preparation for success in the Advanced Placement curriculum at the 11-12 grades. All students at this level will be required to write a research paper.

COURSE TITLE: HONORS ENGLISH II/AP SEMINAR

CREDIT: 1 EACH

PREREQUISITE: SUCCESSFUL COMPLETION OF HONORS ENGLISH I
TEACHER RECOMMENDATION, AND ACADEMIC PERFORMANCE

GRADE: 10

The two-credit, year-long course combines Advanced Placement Seminar, the first in a two series course sequence that makes up the AP Capstone program, and Honors English II. As a pre-AP English course, Honors English II includes focused study in composition, research, rhetoric, and literary genres. This is a course for students who have demonstrated a mastery of grammar, writing, and reading skills in the English I college prep or honors level. The curriculum is an in-depth study of critical thinking and analytical skills and includes the development of composition, literary analysis, research, and speaking skills. Outside reading is required. This course is in preparation for success in the Advanced Placement curriculum at the 11-12 grades. All students at this level will be required to write a research paper.

COURSE TITLE: ENGLISH III CP

CREDIT: 1

PREREQUISITE: SUCCESSFUL COMPLETION OF ENGLISH II CP

GRADE: 11

College Prep English III is a course for students who have successfully demonstrated an average or above average ability to perform grade-level language, analytical, composition, and reading skills. The curriculum includes further development in literary analysis, vocabulary development, composition, and research.

COURSE TITLE: AP ENGLISH LANGUAGE AND COMPOSITION

CREDIT: 1

PREREQUISITE: SUCCESSFUL COMPLETION OF CP OR
HONORS ENGLISH II WITH
TEACHER RECOMMENDATION

GRADE: 11

Advanced Placement English III is a course for students who have successfully completed Honors English II or have demonstrated excellence in composition and rhetorical skills. The curriculum emphasizes analysis, research, and composition as students become skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts. Students will be expected to think critically and analytically and be able to express themselves effectively. Outside readings are required. The course is designed to help develop the cognitive and communicative skills necessary to do well on the AP English Language and Composition Test.

COURSE TITLE: AP ENGLISH LANGUAGE AND COMPOSITION /AP US HISTORY

CREDIT: 1 each

PREREQUISITE: SUCCESSFUL COMPLETION OF CP OR HONORS ENGLISH II
WITH TEACHER RECOMMENDATION

GRADE 11

The combined Advanced Placement United States History and Advanced Placement English Language and Composition course is a year-long, college-level class in which students will develop writing skills, analytic abilities, and close reading capacity. In doing so, students will learn factual knowledge necessary to critically examine problems and sources in American history. They will cultivate skills in dissecting language, writing fluent prose, and making strong arguments. Students will read nightly from selections including articles about current events and historical issues, primary sources, and fiction that will contribute to their understanding of U.S. History and the study of language. Students will develop several nonfiction compositions, including research-based argumentative and expository essays, essays of historical and rhetorical analysis, and personal reflections. They will prepare for both the AP U.S. History and AP English Language exams administered in May. Students should currently possess reading and writing skills commensurate with those of a first-semester college freshman, including a strong ability to write grammatically sound prose.

COURSE TITLE: ENGLISH IV CP

CREDIT: 1

PREREQUISITE: SUCCESSFUL COMPLETION OF ENGLISH III CP

GRADE: 12

This is a course for students who have successfully demonstrated an average or above average ability to perform language, analytical, composition and reading skills. The literature component focuses on a survey of British/World literature with continued development of literary analysis skills. The course also emphasizes study of rhetorical appeals in real-world argumentative writing. The curriculum includes further development of analytical composition and research skills in preparation for college English.

COURSE TITLE: AP ENGLISH LITERATURE AND COMPOSITION

CREDIT: 1

PREREQUISITE: SUCCESSFUL COMPLETION OF AP ENGLISH III
OR RECOMMENDATION FROM ENGLISH III CP TEACHER

GRADE: 12

Advanced Placement English Literature and Composition is a course for students who have successfully completed Advanced Placement English III or demonstrated competency in composition and literary analysis skills. Students must be highly motivated and have above-average writing and analytical skills. The curriculum is an in-depth study of American/British/World literature with expectations commensurate with the first year of college English. Outside readings are required. The course is designed to help develop the cognitive and communicative skills necessary to do well on the Advanced Placement Test in English Literature and Composition.

COURSE TITLE: ENGLISH SECOND LANGUAGE/ENGLISH LANGUAGE LEARNER (ESL/ELL)

CREDIT: 1

PREREQUISITE: NON-ENGLISH LANGUAGE BACKGROUND

GRADES: 9, 10, 11, 12

ESL is an English course designed for students whose first language or primary language is other than English. Based on level of English proficiency as determined by a standardized, state-approved ESL Test, students are provided English instruction specifically designed for second language learners. Students may substitute ESL/ELL for up to two units of English credit. Additional credit earned in ESL/ELL may be used as elective credit at the same rate as other courses in the student's school.

COURSE TITLE: CREATIVE WRITING, ENGLISH ELECTIVE

CREDIT: 1

PREREQUISITE: NONE

GRADES: 9, 10

Creative Writing I is an elective course for students who have an interest in studying and writing in the genres of poetry, drama, short story, and nonfiction. The curriculum includes the study of the genres, the students' personal examples of the genres and their development of a portfolio. (Elective credit: may not count as English credit.)

COURSE TITLE: ADVANCED CREATIVE WRITING, ENGLISH ELECTIVE

CREDIT: 1

PREREQUISITE: CREATIVE WRITING

GRADES: 10, 11, 12

Creative Writing II is an elective course for students who wish to pursue further the art of creative writing, concentrating especially on poetry, short stories, non-fiction, and screen writing. Works of great authors are examined and modeled, with a view to enhancing the students' own work. The class is conducted as a workshop with both teacher- and peer-conferencing, an important part of the process, the end result being a significant portfolio of student work. (Elective credit: may not count as English credit.)

COURSE TITLE: JOURNALISM I

CREDIT: 1

PREREQUISITE: TEACHER APPROVAL, APPLICATION

GRADES: 10, 11, 12

A one-unit course for students who are proficient in writing skills and have an interest in the production of publications. Curriculum includes the history and elements of journalistic style and the application of journalistic techniques to the development of a publication. Students who wish to take this course must be highly motivated, work well with peers, and be responsible in following through with assignments as the work culminates in a publication. (Prerequisite: Students will have to demonstrate ability to write well; students are required to apply for this course; and students are required to receive teacher recommendation.) Publications include electronic media (grades 10 – 12). (Elective credit: may not count as English credit.)

COURSE TITLE: JOURNALISM II

CREDIT: 1

PREREQUISITE: SUCCESSFUL COMPLETION OF JOURNALISM I
TEACHER APPROVAL, APPLICATION

GRADES: 10, 11, 12

A continuation and application of the journalistic skills covered in Journalism I. (Prerequisites: Successful completion of Journalism I. Students will have to demonstrate ability to write well; students are required to apply for this course; students may be required to

submit teacher recommendation.) Publications include the electronic media and journalism. (Elective credit: may not count as English credit.)

COURSE TITLE: SPEECH AND COMMUNICATIONS

CREDIT: 1

PREREQUISITE: NONE

GRADES: 9, 10, 11, 12

A one-unit course for students who wish to develop skills in public speaking. The curriculum includes skills in researching, writing, presenting, and adapting speeches to various audiences and purposes. Forensics and debate may be included.

COURSE TITLE: SHAKESPEARE

CREDIT: 1

PREREQUISITE: NONE

GRADES: 9, 10, 11, 12

Students will be given the opportunity to develop deeper thematic critical reading skills through additional reading experiences in the works of Shakespeare. Students will explore the thematic elements and various styles and plot elements of Shakespeare's works, including the study of his major plays and the sonnets.

COURSE TITLE: MYTHOLOGY

CREDIT: 1

PREREQUISITE: NONE

GRADES: 9, 10, 11, 12

Students will be given the opportunity to develop deeper thematic critical reading skills through additional reading experiences with various mythologies. Students will explore the thematic elements and various styles and plot elements of different mythologies including Greek and Norse mythologies.

COURSE TITLE: SCIENCE FICTION

CREDIT: 1

PREREQUISITE: NONE

GRADES: 9, 10, 11, 12

Students will be given the opportunity to develop deeper thematic critical reading skills through additional reading experiences in the Science Fiction genre. Students will explore the thematic elements and various styles and plot elements of different works of Science Fiction.

FAMILY AND CONSUMER SCIENCE

COURSE TITLE: INTRODUCTION TO HUMAN STUDIES

CREDIT: 1

PREREQUISITE: NONE

GRADES: 9, 10

Family and Consumer Science is a comprehensive course designed to develop and strengthen the quality of individual and family life. This course addresses human needs such as nutrition, preparing food, housing, resources and textiles to teach management skills in order to be productive members of society. Other topics covered include communication, careers, mental health and relationship building.

COURSE TITLE: NUTRITION AND FOODS

CREDIT: 1

PREREQUISITE: NONE

GRADES: 10, 11, 12

A one-unit specialized course designed to help students understand the nutrient value, appetite appeal, social significance, and cultural aspects of food. Students will examine the role of nutrition in the prevention of health conditions, such as obesity, and the promotion of optimal body performance throughout the life span. The course offers students opportunities to develop skills in the safe and sanitary selection, preparation, storing, and serving of food; meal management to meet individual and family nutrition needs across the life span; and optimal use of food resources. Instruction includes academic integration and technology applications. Careers in nutrition and food industries will be explored.

COURSE TITLE: FOUNDATIONS OF FASHION DESIGN

CREDIT: 1

PREREQUISITE: NONE

GRADES: 10, 11, 12

Foundations of Fashion Design introduces students to the rich history of the fashion industry and the basic design principles that are integral to its operation. This course studies the history of the fashion industry, elements and principles of design, textile history as well as basic clothing and apparel sewing construction.

COURSE TITLE: CHILD AND LIFESPAN DEVELOPMENT

CREDIT: 1

PREREQUISITE: NONE

GRADES: 10, 11, 12

A one-unit course designed to prepare students to understand the physical, social, emotional and intellectual growth and development throughout the lifespan. Instructional content includes child development theories and research; prenatal development; infants and toddlers, preschool years; middle childhood, adolescence; adulthood; geriatrics; death and dying; careers; leadership.

COURSE TITLE: FUNDAMENTALS OF EDUCATION

CREDIT: 1

PREREQUISITE: NONE

GRADE: 9

Fundamentals of Education is a foundational course in the Education and Training career cluster for students interested in learning more about becoming a school counselor, teacher, librarian, or speech-language pathologist. Upon completion of this course, proficient students will gain knowledge in the history of education in the United States, careers in education, and the influence of human development on learning. Artifacts will be created for inclusion in a portfolio, which will continue throughout the full sequence of courses. Standards in this course are aligned with Tennessee State Standards for English Language Arts & Literacy in Technical Subjects and Tennessee state standards in Biology I, Psychology, Sociology, U.S. Government and Civics, and U.S. History and Geography, as well as National Standards for Family and Consumer Sciences Education, Second Edition.

COURSE TITLE: TEACHING AS A PROFESSION I (TAP I)

CREDIT: 1

PREREQUISITE: FUNDAMENTALS OF EDUCATION

GRADE: 9, 10, 11, 12

This course is an applied-knowledge course for students interested in learning more about becoming a teacher, school counselor, librarian, or speech-language pathologist. This course covers the components of instruction, teaching strategies, types of assessments, student learning, special populations, and educational technology. An observation experience in one of the area schools is a required part of the course.

COURSE TITLE: TEACHING AS A PROFESSION II (TAP II)

CREDIT: 1

PREREQUISITE: FUNDAMENTALS OF EDUCATION,
TEACHING AS A PROFESSION I

GRADE: 10, 11, 12

This course is an applied knowledge course for students interested in learning more about becoming a teacher, school counselor, librarian, or speech-language pathologist. This course covers classroom management, concepts of higher order thinking, differentiating instruction and strategies of effective classroom planning. Students in this course will demonstrate their skills in laboratory setting.

COURSE TITLE: TEACHING AS A PROFESSION III (TAP III)

CREDIT: 1

PREREQUISITE: FUNDAMENTALS OF EDUCATION, TEACHING AS A PROFESSION I
AND TEACHING AS A PROFESSION II, 16 YEARS OLD

GRADE: 11, 12

This is a course in the Education and Training Cluster for students interested in learning more about becoming a teacher, school counselor, librarian, or speech-language pathologist. The course covers classroom professionalism, ethics, policies, communications, and career requirements in education fields. Students will complete an internship in the local schools through work based learning.

MATHEMATICS

COURSE TITLE: ALGEBRA I

CREDIT: 1

PREREQUISITE: RECOMMENDED ACADEMIC STATUS FROM THE 8TH GRADE
OR DEPARTMENTAL RECOMMENDATION

GRADES: 9, 10, 11, 12

RECOMMENDATION: RECOMMENDED ACADEMIC STATUS FROM THE 8TH GRADE, GRADES OF A AND B WITH RESPECT TO PAST PERFORMANCE IN MATHEMATICS. TEACHER RECOMMENDATION WITH RESPECT TO STUDY HABITS AND ATTITUDE TOWARD THE STUDY OF MATHEMATICS

Algebra I is a preparatory course that places an emphasis on the systematic development of the language through which most of mathematics is communicated. It provides the mathematical understanding to operate with concepts at an abstract level, then apply them in a process that fosters generalizations and insights beyond the original content. Topics covered are: properties of the number system, linear functions, inequalities, operations on real numbers and polynomials, exponents, radicals, and quadratics. Successful completion of this sequence prepares student for Geometry.

COURSE TITLE: ALGEBRA I HONORS

CREDIT: 1

PREREQUISITE: DEPARTMENTAL RECOMMENDATION

GRADE: 9

RECOMMENDATION: RECOMMENDED ACADEMIC STATUS FROM THE 8TH GRADE, GRADES OF A OR B WITH RESPECT TO PAST PERFORMANCE IN MATHEMATICS. TEACHER RECOMMENDATION WITH RESPECT TO STUDY HABITS AND ATTITUDE TOWARD THE STUDY OF MATHEMATICS.

Honors Algebra I is for students who did exceptionally well in 8th grade mathematics. Course content covers the topics of Algebra I in greater depth and at a faster pace thus providing time for enrichment through the study of optional performance objectives.

COURSE TITLE: GEOMETRY

CREDIT: 1

PREREQUISITE: ALGEBRA I

GRADES: 10, 11, 12

RECOMMENDATION: "C" OR BETTER IN ALG I

Geometry is a survey of the fundamental and advanced concepts of plane geometry and the related topics in three dimensional geometry, coordinate geometry, and transformational geometry. The course begins with necessary introductory vocabulary and continues with algebraic and geometric proofs based on an axiomatic system. Applications of the theorems are utilized to help students grasp an understanding of how geometry is used in different careers and everyday life. Successful completion of this course prepares a student for further work in Algebra II.

COURSE TITLE: GEOMETRY HONORS

CREDIT: 1

PREREQUISITE: 8TH GRADE ALGEBRA I OR ALGEBRA I HONORS

GRADE: 9, 10

RECOMMENDATION: A OR B IN 8TH GRADE ALGEBRA I OR HONORS ALGEBRA I AND TEACHER RECOMMENDATION.

Topics found in college-prep geometry are covered more in-depth with emphasis placed on problem solving, writing skills (especially in the writing of proofs), and algebraic applications. Additional enrichment objectives are covered as time permits. Successful completion of this course prepares a student for further work in Algebra, usually Honors Algebra II.

COURSE TITLE: ALGEBRA II

CREDIT: 1

PREREQUISITES: ALGEBRA I AND GEOMETRY

GRADES: 10, 11, 12

RECOMMENDATION: "C" OR BETTER IN ALGEBRA I AND GEOMETRY

Algebra II is the study of functions. The course includes an extension of the concepts of Algebra I and Geometry. Topics covered are: quadratic equations and functions; systems of equations and inequalities; polynomials and rational polynomial expressions; polynomial functions; conic sections; exponential, logarithmic and trigonometric functions. Satisfactory completion of this course prepares students for entry into Pre-Calculus or Advanced Algebra and Trigonometry.

COURSE TITLE: ALGEBRA II HONORS

CREDIT: 1

RECOMMENDATION: "C" OR BETTER IN HONORS GEOMETRY
OR AN "A" IN BOTH STANDARD GEOMETRY AND ALGEBRA I,
DEPARTMENTAL RECOMMENDATION

GRADES: 10, 11

This course presents the content of Algebra II in a more in-depth challenging atmosphere. Also the time schedule permits the study of additional objectives and topics with enrichment activities for the student who is highly motivated to study additional mathematics courses. It provides a rigorous preparation for Honors PreCalculus AB.

COURSE TITLE: PRECALCULUS

CREDIT: 1

PREREQUISITE: ALGEBRA I, GEOMETRY, ALGEBRA II

GRADES: 11, 12

RECOMMENDATION: A OR B AVERAGE IN PREREQUISITE COURSES
DEPARTMENTAL RECOMMENDATION

Precalculus develops the topics essential for success in calculus. Content includes a study of algebraic, transcendental, and trigonometric functions, as well as their composition and inverses; polar graphing, complex numbers, conic sections, and sequences and series. Students who complete this sequence successfully will have a strong background for a first-year Calculus sequence.

COURSE TITLE: HONORS PRECALCULUS AB

CREDIT: 1

RECOMMENDATION: "A" OR "B" IN HONORS ALGEBRA II AB,
DEPARTMENTAL RECOMMENDATION

GRADES: 11, 12

Honors PreCalculus AB is designed to provide highly motivated students with a rigorous preparation for Advanced Placement Calculus. The faster pace of this course provides the time to enrich the content of Pre-Calculus through the study of additional objectives and topics.

COURSE TITLE: HONORS PRECALCULUS BC

CREDIT: 1

RECOMMENDATION: "A" OR "B" IN HONORS ALGEBRA II BC,
DEPARTMENTAL RECOMMENDATION

GRADE: 10, 11

Honors PreCalculus BC is designed to provide highly motivated students with a rigorous preparation for the year-long Advanced Placement Calculus AB/BC class. The faster pace of this course provides the time to enrich the content of PreCalculus through the study of additional objectives and topics. In addition, Honors PreCalculus BC places high emphasis on proofs of theorems and problem solving.

COURSE TITLE: CALCULUS

CREDIT: 1

PREREQUISITE: PRECALCULUS

GRADE: 12

Calculus is for students who have a thorough knowledge of college preparatory mathematics. Course content includes the study of limits, derivatives, integration, and their applications; exponential, logarithmic and trigonometric functions.

COURSE TITLE: AP CALCULUS: AB CREDIT: 1

PREREQUISITE: HONORS PRECALCULUS AB GRADES: 12
DEPARTMENTAL RECOMMENDATION

The Advanced Placement course of AB Calculus is a one-semester study of topics in differential and integral Calculus. The AP Calculus AB curriculum is listed in the College Board Advanced Placement Course Description. This description can be downloaded from the following web site: http://collegeboard.com/student/testing/ap/sub_calab.html. Students enrolled in this course will be prepared to take the Advanced Placement AB Calculus Exam, where qualifying scores can earn one (1) semester of college credit.

COURSE TITLE: AP CALCULUS: AB/BC CREDIT: 1

PREREQUISITE: HONORS PRECALCULUS BC AND DEPARTMENTAL RECOMMENDATION GRADE: 10, 11, 12

The Advanced Placement course of BC Calculus is a year-long study of Calculus that includes all the topics covered in AP Calculus AB and additional topics covered in AP Calculus BC following the topics as listed in the College Board Advanced Placement Course Description. This description can be downloaded from the following web site: http://collegeboard.com/student/testing/ap/sub_calbc.html. Students enrolled in this course will be prepared to take the Advanced Placement BC Calculus Exam, where qualifying scores can earn two (2) semesters of college credit.

COURSE TITLE: STATISTICS CREDIT: 1

PREREQUISITE: ALGEBRA II GRADES: 12

This course is non-calculus in its orientation and designed to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. The major themes in Statistics include: interpreting categorical and quantitative data, conditional probability and other rules of probability, using probability to make decisions, and making inferences and justifying conclusions. College-Prep Statistics is intended for students interested in business, social sciences, education, and data analysis

COURSE TITLE: AP STATISTICS CREDIT: 1

PREREQUISITE: A IN ALGEBRA II GRADES: 10, 11, 12
A OR B IN HONORS ALGEBRA II
COLLEGE PREP ENGLISH OR HIGHER
DEPARTMENTAL RECOMMENDATION

Advanced Placement Statistics is a course that involves the study of chance occurrences and the study of statistical methods in handling numerical data. This course follows the College Board outline, whose content covers the introduction to probability, numerical data, random variables, and binomial distributions. It is non-calculus in its orientation. The scope of this course follows the topics listed in the College Board Advance Placement Course Descriptions. This description can be downloaded from the following web site: http://collegeboard.com/student/testing/ap/sub_stats.html. This course may be a valuable background course for students who are going to study business, humanities, or philosophy in college.

COURSE TITLE: MATH COMPUTER APPLICATIONS HONORS CREDIT: 1

PREREQUISITE: COMPLETION OF ALGEBRA II HONORS OR ABOVE GRADES: 10, 11, 12

RECOMMENDATION: TEACHER RECOMMENDATION

The faster pace of this course provides the time to enrich the content of Math Computer Applications through the study of additional objectives and topics. Successful completion of this course provides the student with the necessary prerequisites for Advancement Placement Computer Science. This course does not satisfy the State's four year math requirement.

COURSE TITLE: AP COMPUTER SCIENCE A CREDIT: 1

PREREQUISITE: ALGEBRA I AND II, GEOMETRY, AND MATH COMPUTER APPLICATIONS GRADES: 11, 12

RECOMMENDATIONS: A "B" AVERAGE IN MATH AND TEACHER RECOMMENDATION

Computer Science A covers topics in a first-semester introductory college course in computer science. It involves programming in JAVA. The scope of this course follows the topics listed in the College Board Advanced Placement Course Descriptions. This description can be downloaded from the following website:

http://collegeboard.com/student/testing/ap/sub_compscia.html.

COURSE TITLE: AP COMPUTER SCIENCE PRINCIPLES CREDIT: 1

PREREQUISITE: ALGEBRA I AND II, GEOMETRY, AND HONORS MATH COMPUTER APPLICATIONS GRADES: 11, 12

RECOMMENDATIONS: A "B" AVERAGE IN MATH AND TEACHER RECOMMENDATION

AP Computer Science Principles introduces students to the central ideas of computer science, instilling the ideas and practices of computational thinking and inviting students to understand how computing changes the world. The rigorous course promotes deep learning of computational content, develops computational thinking skills, and engages students in the creative aspects of the field. The course is unique in its focus on fostering students to be creative. Students will be programming Androids in order to achieve the objectives of the course. Students are encouraged to apply creative processes when developing computational artifacts and to think creatively while using simulations to explore questions that interest them. Rather than teaching a particular programming language or tool, the course focuses on using technology and programming as a means to solve computational problems and create exciting and personally relevant artifacts. Students design and implement innovative solutions using an iterative process similar to what artists, writers, computer scientists, and engineers use to bring ideas to life.

http://collegeboard.com/student/testing/ap/sub_compscia.html.

COURSE TITLE: ROBOTICS CREDIT: 1

PREREQUISITE: ALGEBRA I AND II, GEOMETRY GRADES: 10, 11, 12

This course is deeply submerged in modeling, abstraction, and precision. The entire course is founded on Problem Based Learning (PBL). Students are given a scenario and must analyze the problem; calculate measurements and establish various thresholds; design, construct, and program a robot to complete the given task; collect and analyze data; modify and adjust program, robot, and calculations based on the collected data; and repeat the process until objectives have been completed. The mathematical range of this course extends to pre-calculus due to the importance of calculating precise angles and tangents.

MUSIC

COURSE TITLE: MEN'S CHORUS CREDIT: 1
WOMEN'S CHORUS

PREREQUISITE: NONE GRADES: 9-12

Men's Chorus and Women's Chorus are designed for *beginning* choral students who wish to study and perform a wide variety of sacred and secular choral literature of easy to medium difficulty in a variety of styles. Emphasis will be placed on vocal technique, intonation, music reading, and ear training, as well as understanding the importance of attitude and individual responsibility within the group. Previous choral music experience is not a prerequisite. After-school performances are required. Individual practice, after school practice, sectional rehearsals, and evening/weekend performances are required.

COURSE TITLE: ADVANCED MIXED CHORUS CREDIT: 1

PREREQUISITE: AUDITION GRADES: 10, 11, 12
PREVIOUS CHORAL EXPERIENCE

Advanced Mixed Chorus and Advanced Women's Chorale is designed to allow students to study and perform a wide variety of intermediate to difficult sacred and secular choral literature in a variety of styles and historical periods. Emphasis will be placed on an intermediate degree of musicianship, music reading skills, and performance skills individually and in ensemble. The advanced mixed chorus and women's chorale is for students who elect and are selected by audition to be in the group. Previous choral music experience is a prerequisite. After-school performances are required. Individual practice, after school practice, sectional rehearsals, and evening/weekend performances are required.

COURSE TITLE: CHORAL ENSEMBLE CREDIT: 2

PREREQUISITE: AUDITION GRADES: 10, 11, 12
PREVIOUS CHORAL EXPERIENCE

Membership in year long Choral Ensemble requires a 2 semester commitment to choral ensemble and the advanced mixed chorus. Choral ensemble consists of advanced choral musicians selected by audition. The group may function in a variety of formats throughout the year such as chamber choir, madrigal singers, jazz/pop ensemble, and show choir. Emphasis is placed on an advanced degree of musicianship, increased harmonic and rhythmic reading skill, and increased performance skills. Opportunities are provided for performance in school and community and are required. Members are selected by audition. Individual practice, after school practice, sectional rehearsals, and evening/weekend performances are required.

COURSE TITLE: DEVELOPMENT OF ROCK AND ROLL CREDIT: 1

PREREQUISITE: NONE GRADES: 9-12

This course includes exploration into the beginnings of rock and roll music up to the present, with discussions ranging from lyrics and important musicians to social and political commentary. Requirements will include reading assigned materials, classroom discussions, critiquing musical examples, giving an oral Power Point presentation, and writing biographical essays.

COURSE TITLE: ORCHESTRA CREDIT: 1

PREREQUISITE: PREVIOUS EXPERIENCE AND TRAINING GRADES: 9, 10, 11, 12

Orchestra is designed to provide students with the opportunity of continuing the study and performance of music literature emphasizing a variety of styles from several historical periods. The course focuses on the study of the elements of music and the development of advanced individual and group performance skills. Individual practice, after-school practice and rehearsal sessions, and performances are required.

COURSE TITLE: MARCHING BAND CREDIT: 1

PREREQUISITE: PREVIOUS EXPERIENCE **GRADES:** 9, 10, 11, 12

Performance skills and techniques are emphasized. Band focuses on the study of the elements of music and the development of advanced individual and group performance skills. Individual practice, after-school practice and rehearsal sessions, weekend contests, and performances are required.

COURSE TITLE: **COLORGUARD – FALL TERM** **CREDIT:** 1

PREREQUISITE: AUDITION OR DIRECTOR APPROVAL **GRADES:** 9, 10, 11, 12

The purpose of this course is to enable students to develop basic skills in creating, performing, and evaluating choreographed performance as an independent ensemble and in cooperation with the marching band. Emphasis is placed on dance, equipment manipulation, precision, and the relationship between music and dance. This course requires students to attend rehearsals and performances beyond the school day. Upon successful completion students will earn both the Fine Arts credit as well as additional ½ PE credit. This course will also prepare students to audition for the competitive Winter Guard.

COURSE TITLE: **SYMPHONIC BAND (WOODWINDS/BRASS)** **CREDIT:** 1

PREREQUISITE: PREVIOUS EXPERIENCE **GRADES:** 9

Performance skills and techniques are emphasized. Band focuses on the study of the elements of music and the development of advanced individual and group performance skills. Individual practice, after-school practice and rehearsal sessions, weekend contests, and performances are required.

COURSE TITLE: **WIND ENSEMBLE** **CREDIT:** 1

PREREQUISITE: PREVIOUS EXPERIENCE **GRADES:** 10, 11, 12

Performance skills and techniques are emphasized. Band focuses on the study of the elements of music and the development of advanced individual and group performance skills. Individual practice, after-school practice and rehearsal sessions, weekend contests, and performances are required.

COURSE TITLE: **CONCERT BAND PERCUSSION SPRING TERM** **CREDIT:** 1

PREREQUISITE: SUCCESSFUL COMPLETION OF 8TH GRADE PERCUSSION CURRICULUM **GRADES:** 9, 10, 11, 12

All percussion students will enroll in Instrumental Ensemble – Percussion for the spring semester. Percussion Ensemble will focus on developing skills and techniques specific to percussionists. As well as developing the fundamentals of performance, students will also get experience performing a varied style of concert percussion repertoire. Students will also prepare music selections for performance with the Concert Bands. The student agrees to attend all after school rehearsals and performances. Rehearsals with the Concert Bands will be scheduled in advance to accommodate transportation plans. Students are expected to maintain a high level of preparation as members of the Percussion Ensemble. Private instruction from a specialist is highly recommended. A list of instructors will be made available.

COURSE TITLE: **JAZZ STYLES** **CREDIT:** 1

PREREQUISITE: NONE **GRADES:** 9, 10, 11, 12

This course surveys the development of Jazz from its origins in New Orleans to the modern Jazz artists of today. Students will study various styles of Jazz including Dixieland, Big Band, Bebop, Cool Jazz, Jazz-Rock Fusion, Latin Jazz and many more. The course will also focus on societal issues that helped shape Jazz. Students will be required to select an artist, research, prepare a written report, and give a presentation to the class on their artist.

A major component of any college curriculum in music is a course introducing the first-year student to music theory, a subject that comprises the musical materials and procedures of the Common Practice period. Such a course may bear a variety of titles (Basic Musicianship, Elementary Theory, Harmony and Dictation, Structure of Music, etc.) It may emphasize one aspect of music, such as harmony; more often, however, it integrates aspects of melody, harmony, texture, rhythm, form, musical analysis, elementary composition, and to some extent, history and style. Musicianship skills such as dictation and other listening skills, sight-singing, and keyboard harmony are considered an important part of the theory course, although they may be taught as separate classes.

The student's ability to read and write musical notation is fundamental to such a course. It is also assumed that the student has acquired (or is acquiring) at least basic performance skills in voice or on an instrument.

The ultimate goal of an AP Music Theory course is to develop a student's ability to recognize, understand, and describe the basic materials and processes of music that are heard or presented in a score. The achievement of these goals may best be approached by initially addressing fundamental aural, analytical, and compositional skills using both listening and written exercises. Building on this foundation, the course should progress to include more creative tasks, such as the harmonization of a melody by selecting appropriate chords, composing a musical bass line to provide two-voice counterpoint, or the realization of figures-bass notation.

NAVY JROTC (JUNIOR RESERVE OFFICERS TRAINING CORPS)

COURSE TITLE: NAVY JROTC I CREDIT: 1

PREREQUISITE: NONE GRADES: 9, 10, 11, 12

Navy JROTC is a program provided jointly by the Knox County School System and the United States Department of Defense. The curriculum is designed to help each student achieve the following goals: (1) Develop habits of orderliness, precision, and respect for authority in our society, (2) Instill patriotism, (3) Develop a high degree of personal honor, self-reliance, individual discipline, and leadership, (4) Instill pride, self-respect, confidence, and a desire to do one's best in any endeavor, and (5) Promote a basic understanding of national security requirements and the role of the armed services in the national defense structure. Participation in NJROTC does not require entering the military. There is no obligation to the military. NJROTC is a citizenship program. Naval Science is an academically challenging, as well as rewarding, course. All Cadets must maintain a "C" average or better in NJROTC with an overall average of "C" or better. Students begin as a Naval Science I (NSI) cadet and progress through advanced naval science courses NSII, NSIII, and NSIV. Students who do not meet GPA criteria will be considered on a case-by-case basis and must be approved by the Senior Naval Science Instructor before enrolling or re-enrolling in NJROTC. Students may take one or as many as eight terms of NJROTC during their high school career, earning a separate credit for each term successfully completed. Students are required to wear furnished uniforms a minimum of one time per week throughout the entire school day and fully participate in all physical fitness activities including situps, pushups, running, interschool and intramural sports competitions. Cadets will be given the opportunity to participate in national academic competitions and local, regional, and national drill team, color guard, and rifle competitions. Cadets must maintain proper military grooming standards while participating in NJROTC.

Two "2" consecutive semesters of Navy Junior ROTC meet the Lifetime Wellness requirement provided a passing grade is earned during both Navy Junior ROTC semesters. Requests for Lifetime Wellness credit must be initiated by the student, parent or guardian.

COURSE TITLE: NAVY JROTC/NAVAL SCIENCE II CREDIT: 1

PREREQUISITE: COMPLETION OF NAVAL SCIENCE I WITH A "C" AVERAGE GRADES: 10, 11, 12

Designed as a follow-up course to Naval Science One, Naval Science Two expands on the basics of leadership and Naval Orientation. The course emphasizes government, shipboard organization, naval weapons, small boat seamanship, navigation, and weather. Students are required to wear a furnished uniform on a weekly basis and participate in physical fitness training. Students are also eligible to participate in local, regional, and national academic, drill and rifle team competitions.

COURSE TITLE: NAVY JROTC/NAVAL SCIENCE III CREDIT: 1

PREREQUISITE: COMPLETION OF NAVAL SCIENCE II WITH A "C" AVERAGE GRADES: 11, 12

Designed as a follow-up course to Naval Science Two, Naval Science Three expands on the basics of leadership. The course emphasizes military justice, international law, national security, naval intelligence, naval operations and intelligence. Students are required to wear a furnished uniform on a weekly basis and participate in physical fitness training. Students are also eligible to participate in local, regional, and national academic, drill and rifle team competitions.

COURSE TITLE: NAVY JROTC/NAVAL SCIENCE IV CREDIT: 1

PREREQUISITE: COMPLETION OF NAVAL SCIENCE III WITH A "C" AVERAGE. GRADE: 12

Designed as a leadership class, students explore advanced leadership and management theory. There is an extensive review of proven leadership styles and techniques. Students are placed in challenging leadership positions to gain valuable insights into future leadership expectations. Students are required to wear a furnished uniform on a weekly basis and participate in physical fitness training. Students are also eligible to participate in local, regional, and national academic, drill and rifle team competitions.

COURSE TITLE: NAVAL DRILL CREDIT: 1

PREREQUISITE: NAVAL SCIENCE I GRADES: 10, 11, 12

Naval Drill is a course in military drill, armed and unarmed, and color guard. Cadets will participate in drill meets and competitions both local, statewide and nationally. Students must be or have been enrolled in a Naval Science course to be eligible. Students not meeting the criteria will be considered on a case by case basis. Students will be expected to help with fund-raising in order to offset the expense of entering drill meets. Students are required to wear furnished uniforms a minimum of once a week all school day long. Students are required to compete in several drill meets throughout the year. Naval Drill will be offered both terms.

PHYSICAL EDUCATION

NOTE: One unit in Lifetime Wellness is required for graduation and will be offered to 9th graders. One-half credit in Physical Education is required for graduation.

COURSE TITLE: LIFETIME WELLNESS CREDIT: 1

PREREQUISITE: NONE GRADE: 9

The one-unit course in Lifetime Wellness is required for graduation. This course explores a lifelong process of positive lifestyle management that seeks to integrate the emotional, social, intellectual, and physical dimensions of self for a longer, more productive, and higher quality of life. The unit consists of the following strands: personal fitness and related skills, mental health, disease prevention and control, safety and first aid, sexuality and family life, substance abuse, and nutrition.

**COURSE TITLE: PHYSICAL EDUCATION I
TEAM/INDIVIDUAL SPORTS** CREDIT: 1

PREREQUISITE: NONE GRADE: 9

Physical Education I is an **elective course** that involves achieving a level of health related fitness through participation in team and individual sports. Activities included are: soccer, volleyball, football, fistball, kickball, brisketball, ultimate frisbee, team handball, softball, basketball, track and field. Activities are designed to teach the basic skills, rules, and strategies necessary to understand and participate in selected sports.

**COURSE TITLE: ADVANCED PHYSICAL EDUCATION,
TEAM/INDIVIDUAL SPORTS, WEIGHT TRAINING, AND
AEROBICS AND FITNESS** CREDIT: 1

PREREQUISITE: PHYSICAL EDUCATION I GRADES: 10, 11, 12

Advanced Physical Education is an **elective course**. It includes weight-training and aerobics and fitness which promote a high level of health-related fitness skills. In Team Sports II, skills and techniques taught in Team Sports I are expanded to allow students to become more proficient in various sports.

COURSE TITLE: ADVANCED STRENGTH AND CONDITIONING TRAINING CREDIT: 1

PREREQUISITE: NONE GRADES: 10, 11, 12

The purpose of this course is for the student to make strength and conditioning gains while developing self-discipline and a positive attitude. Health and skill related activities will be emphasized. Those include flexibility, speed, agility, coordination and power. In addition, the importance of proper nutrition will be stressed. The student who signs up for this course should be self-motivated and have a strong work ethic.

COURSE TITLE: AEROBICS CREDIT: 1

PREREQUISITE: NONE GRADES: 10, 11, 12

Aerobics is a one-unit elective course emphasizing the importance in improving and maintaining a healthier cardiovascular system. Skills taught in order to achieve this goal include muscular endurance, muscular strength, cardiovascular endurance, flexibility and body composition. Regular aerobic workouts through the participation in aerobic routines, games and various other activities accompanied by a fitness assessment will be the primary instructional focus of this course.

*NOTE: PE I can ONLY be taken ONCE during the 4 years.

SCIENCE

COURSE TITLE: ASTRONOMY

CREDIT: 1

PREREQUISITE: ALGEBRA I, GEOMETRY

GRADES: 11, 12

Astronomy is the study of stars and our solar system, which is composed of the sun, planets, moons, asteroids, and comets. Both the intrinsic nature and motion of these objects will be studied, as well as the evolution and history of these objects through time. Other topics of study include constellations, seasons, orbits, telescopes, electromagnetic spectrum, galaxies, deep space objects, etc.

COURSE TITLE: PHYSICAL SCIENCE

CREDIT: 1

PREREQUISITE: NONE

GRADES: 10

The goal of Physical Science is to develop an understanding of matter and energy. The course is designed to introduce students to the concepts of forces and motion, chemical and physical properties of matter, the ways in which matter and energy interact, the forms and properties of energy, and other basic concepts in chemistry and physics. Some of our fun and exciting labs are to build rockets and derby cars, to do the egg drop from the football stadium, and turn pennies from copper to silver and then gold.

COURSE TITLE: BIOLOGY I HONORS BIOLOGY I

CREDIT: 1

CREDIT: 1

PREREQUISITE: NONE FOR BIOLOGY I

TEACHER RECOMMENDATION FOR HONORS BIOLOGY I

GRADES: 9

The purpose of this course is to provide classroom and laboratory experiences including many hands-on and real-world applications of the biological sciences. The concepts covered include the Nature of Science (inquiry skills, experimental design, lab safety, measurement and tools), Cells (biomolecules, cell structure and function, cellular reproduction and membrane transport), Interdependence (organization of ecosystems, human impact on the environment, and succession), Flow of Matter and Energy (energy transfer in ecosystems, biogeochemical cycles, photosynthesis and cellular respiration), Heredity and Molecular Genetics (predicting inheritance patterns, mutations, genetic diseases, and ethical considerations related to emerging biotechnologies), and Biodiversity and Change (taxonomy, evolutionary theory, adaptations, and evidence for evolution). The goal of honors biology I is to develop an understanding of the diversity and unity in living things. Concepts covered include interactions of organisms with their environment, chemical structure of organisms, transfer of energy in organisms, cell structure and function, continuity and change in living things, diversity of living things, and biology related career opportunities. Honors biology places increased emphasis on development of critical thinking skills. This course is designed to meet the needs of the more academically able student. *Student selection is based upon a combination of standardized test scores, past performance in science, teacher recommendations, and established enrollment limits.

COURSE TITLE: HONORS BIOLOGY II

CREDIT: 1

PREREQUISITE: CHEMISTRY I OR HONORS BIOLOGY I WITH A "B" OR HIGHER GRADES: 10, 11, 12

The purpose of this course is to provide classroom and laboratory experiences including many hands-on and real-world applications of the biological sciences. The concepts covered include the Nature of Science (inquiry skills, experimental design, lab safety, measurement and tools), Cells (biomolecules, cell structure and function, cellular reproduction and membrane transport), Interdependence (organization of ecosystems, human impact on the environment, and succession), Flow of Matter and Energy (energy transfer in an ecosystem, biogeochemical cycles, photosynthesis and cellular respiration), Heredity and Molecular Genetics (Mendelian principles, predicting inheritance patterns, mutations, genetic disease, and ethical considerations related to emerging biotechnologies), and Biodiversity and Change (taxonomy, evolutionary theory, adaptations, and evidence for evolution). This class moves at an accelerated pace and requires higher level reading skills and includes more extensive written assignments. Student selection is based upon a combination of past performance in science, teacher recommendations, and established enrollment limits for the course.

COURSE TITLE: ADVANCED PLACEMENT BIOLOGY

CREDIT: 1

PREREQUISITE: CHEMISTRY I or HONORS BIOLOGY WITH "B" OR HIGHER

GRADES: 11, 12

Advanced Placement Biology follows the syllabus of the College Entrance Examination Board's Advanced Placement Program. The current syllabus includes the areas of molecular and cellular biology, genetics and evolution, and organismal and population biology. The AP Biology curriculum is designed to prepare students to take the College Board AP Biology test given in May of each year and for higher level work in college biology. Student selection is based upon a combination of past performance in science, teacher recommendations, and established enrollment limits for the course. **Students enrolled in Honors Biology II 1st term must enroll**

in AP Biology 2nd term. Sophomores that have a "B" or higher in Honors Biology I can take Honors Biology II/AP Biology with teacher recommendation, but must also take Honors Chemistry I 1st or 2nd term of same year.

COURSE TITLE: ANATOMY & PHYSIOLOGY

CREDIT: 1

PREREQUISITE: BIOLOGY I/CHEMISTRY I

GRADES: 11, 12

This course is a study of the body's structures and respective functions at the molecular/biochemical, cellular, tissue, organ systemic, and organism levels. Students explore the body through laboratory investigations, models, diagrams, and/or comparative studies of the anatomy of other organisms. Content includes the study of the structure and function of cells, tissues, organs and body systems.

COURSE TITLE: HONORS ANATOMY & PHYSIOLOGY

CREDIT: 1

PREREQUISITE: BIOLOGY I & CHEMISTRY I WITH A GRADE OF "B" OR BETTER PRIOR TO THIS COURSE

GRADES: 11, 12

Honors Human Anatomy & Physiology is a rigorous and fast-paced survey of the human body, intended for honor-level students with an interest in medical science. Students will study the body's structures and respective functions at the molecular/biochemical, cellular, tissue, organ, systemic, and organism levels. Students explore the body through laboratory investigation, models, diagrams, and/or comparative studies of the anatomy of other organisms. Content includes the study of the structure and the function of cells, tissues, organs and body systems.

COURSE TITLE: ECOLOGY

CREDIT: 1

PREREQUISITE: NONE

GRADES: 11, 12

This course will review major ecological concepts, identify the techniques used by ecologists, provide an overview of local and global environmental issues, and examine individual, group and governmental activities important for protecting natural ecosystems. The course will cover current events and how those events affect our Earth. Student understanding and the ability to discuss environmental issues will be emphasized.

COURSE TITLE: GEOLOGY

CREDIT: 1

PREREQUISITE: BIOLOGY I AND CHEMISTRY I

GRADES: 11, 12

This course explores the origins and the connections between the physical, chemical, and biological processes of the earth system. The student will investigate maps, matter and minerals, the rock cycle, geologic history, oceanography, hydrologic cycle, geologic hazards, and plate tectonics. Geology focuses on the physical aspects of the earth processes and cycles. Tennessee geologic features will also be a part of this study.

COURSE TITLE: BOTANY/ZOOLOGY

CREDIT: 1

PREREQUISITE: CHEMISTRY I/BIOLOGY I

GRADE: 11, 12

Botany and Zoology is a "two in one" course, in which we focus on the evolutionary history, and fundamental characteristics of organisms in the Phyla of the Animal Kingdom, and organisms in the Phyla of the Plant Kingdom. This course blends strict academia with hands on experience. We begin by examining geologic time and Earth's history, and then jump into the evolution and taxonomy of the living world! A portion of the course focuses on Zoology, and a portion on Botany. The later portion of the class is a synthesis of the two, examining local habitats, species interactions, endangered species and threats to local plants and animals.

Labs include dissections, outdoor field labs, and interactive presentations by the Knoxville Zoo. Ongoing projects focus on growing and maintaining plants in the greenhouse, and the identification of native trees, birds and amphibians. The semester ends with a field trip to the Smoky Mountains National park in which students participate in a day long hike, and scavenger hunt for plants and animals. This is an opportunity for students to put their knowledge work, looking for organisms that fit certain character descriptors, and that are in respective Phyla and Classes of each Kingdom.

**COURSE TITLE: CHEMISTRY I CP
CHEMISTRY I HONORS**

CREDIT: 1

CREDIT: 1

PREREQUISITE: ALGEBRA I/BIOLOGY I OR HONORS BIOLOGY I

GRADES: 10, 11, 12

Chemistry is the study of the composition, structure, and properties of matter and the changes it undergoes. The goal of Chemistry I is to develop an understanding of the relevance of chemistry as it relates to standards of living and the current issues in science and technology. The course content is reinforced and enhanced by laboratory practice and hands-on experience. Chemistry I is an interactive, exciting course in which students will not only be challenged to think critically but also gain knowledge of the world around them. Honors Chemistry is designed to meet the needs and interests of the more academically able student in highly relevant, interesting and fun ways. The course will include an introductory study of nuclear and organic chemistry.

**COURSE TITLE: HONORS CHEMISTRY II
AP CHEMISTRY**

CREDIT: 1

CREDIT: 1

PREREQUISITE: Chemistry I, Algebra I and II, current enrollment
in advanced math strongly suggested.

GRADES: 11, 12

Honors Chemistry II/AP Chemistry is established and audited by the College Board's Advanced Placement Chemistry Program. Block scheduling divides this accelerated course into Honors Chemistry II in the Fall, followed by AP Chemistry in the Spring. The course is intended for highly motivated students with an interest in the physical sciences and provides college level inquiry lab experiences, higher order interactive lectures and group problem solving opportunities applied to real world scenarios. Enrichment opportunities are also provided through guest lecturers from local university and Oak Ridge National Lab research professionals. With the ever-increasing need for innovators, problem finders, and designers of materials, pharmaceuticals, and even new fuels, comes the need for individuals skilled in the science practices and knowledgeable about chemistry. The redesigned Advanced Placement (AP) Chemistry course provides students with training for such knowledge and skills through guided inquiry labs, a content focused curriculum on content relevant to today's problems, and an exam that assesses students' understanding of the particulate nature of matter to understand chemistry. The AP Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first college year. This course is taken with the expectation that students will take the AP Exam to receive college credit or placement at the student's college of choice. Course topics include thermodynamics, kinetics, electrochemistry, gases, bonding, atomic structure and periodicity, bonding and intermolecular forces, organic chemistry, equilibria and acid base equilibria applications.

COURSE TITLE: PHYSICS

CREDIT: 1

PREREQUISITE: ALGEBRA II, CHEMISTRY I

GRADES: 11, 12

Students will learn about forces and energy with an emphasis on classical mechanics -- the things that control our universe, our world, and our selves. This class should challenge and intrigue the students intellect with demonstrations and laboratory exercises and at the same time help prepare them for life in an increasingly technological society.

COURSE TITLE: AP PHYSICS I

CREDIT: 1

PREREQUISITE: GEOMETRY AND CHEMISTRY I WITH NO GRADE LESS THAN B
ENROLLMENT IN ALGEBRA II

GRADES: 11, 12

AP Physics I is the study of the principles of motion and the interrelationships between matter and energy. Topics of study include kinematics, forces, energy, momentum, waves, electricity and magnetism, etc. This AP course is designed to meet the needs of the student who prefers academic challenge and the topics are covered in greater depth and at a greater pace. Student selection is based upon a combination of past performance in science and mathematics, teacher recommendations, and established enrollment limits for the course.

COURSE TITLE: AP PHYSICS II

CREDIT: 1

PREREQUISITE: COMPLETION OF AP PHYSICS I, COMPLETION OF ALGEBRA II
CONCURRENT ENROLLMENT IN CALCULUS

GRADES: 11, 12

This is equivalent to a second semester college course in algebra-based physics. The course covers fluid mechanics; thermodynamics; electricity and magnetism; optics; and atomic and nuclear physics. Prerequisite: AP Physics 1 or comparable introduction course in physics. Students should have taken or be concurrently taking pre-calculus or an equivalent course. A first year, calculus-based college level Physics course that has been audited and approved by the College Board's Advanced Placement (AP) Program.

COURSE TITLE: HONORS ENVIRONMENTAL SCIENCE

CREDIT: 1

PREREQUISITE: BIOLOGY I & ALGEBRA I

GRADES: 10, 11

This course provides students with an opportunity to develop an understanding of interrelationships in the natural world. In addition, it allows them to identify natural and man-made environmental problems and design and evaluate possible solutions for environmental problems. This course will also cover interactions and dynamics of ecosystems, unity and diversity of biological change, earth systems and human activity, and the interdependence of science, engineering and society

COURSE TITLE: AP ENVIRONMENTAL SCIENCE

CREDIT: 1

PREREQUISITE: BIOLOGY I & CHEMISTRY I WITH A GRADE OF A "B" OR BETTER PRIOR TO THIS COURSE

GRADES: 11, 12

A first year college level environmental science course which follows the syllabus of the College Board's Advanced Placement (AP) Program. The AP Environmental Science course is designed to prepare students to take the College Board AP Environmental Science test given in May of each year. The course has been audited and approved by the College Board. The goal of this course is 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 or preventing them. Students may be required to complete a summer assignment and/or attend additional classroom or laboratory sessions beyond the regular scheduled classes.

COURSE TITLE: AP PHYSICS C: MECHANICS

CREDIT: 1

PREREQUISITE: PHYSICS OR AP PHYSICS I/II ENROLLMENT IN CALCULUS

GRADES: 11, 12

Advanced Placement Physics is a course which follows the syllabus of the College Entrance Examination Board's Advanced Placement Program. It is meant to be equivalent to a first year calculus-based course in mechanics typical of most colleges. The curriculum is designed to prepare students to take the AP Physics C: Mechanics exam. Topics include: kinematics, dynamics, energy, momentum, systems, rotation, and equilibrium, etc. Student selection is based upon a combination of past performance in science and mathematics, teacher recommendations, and established enrollment limits for the course.

COURSE TITLE: AP PHYSICS C: ELECTRICITY & MAGNETISM

CREDIT: 1

PREREQUISITE: PHYSICS OR AP PHYSICS I/II ENROLLMENT IN CALCULUS

GRADES: 11, 12

Advanced Placement Physics is a course that follows the syllabus of the College Board's AP program. It is meant to be equivalent to a first year calculus-based course in electricity & magnetism typical of most colleges. The curriculum is designed to prepare students to take the AP Physics C: Electricity & Magnetism exam. Topics include: electrostatics, flux, potential, circuits, magneto statics, induction, capacitance, etc. Student selection is based upon a establish enrollment limits for the course.

COURSE TITLE: SCIENTIFIC RESEARCH/HONORS SCIENTIFIC RESEARCH

CREDIT: 1

PREREQUISITES: APPLICATION PROCESS SCIENCE ADVISORY BOARD APPROVAL

GRADES: 11, 12

The Science Department has formed relationships with the University of Tennessee Knoxville (UTK), Zoo Knoxville, ORAU, and other local institutions to help students create research based, lab driven out-of-school experiences. Students may also find their own mentor for shadowing, research, and laboratory experiences. The program is designed for students who have career interests in science, engineering, math, and/or technology fields. In this program students have an opportunity to work with STEM professionals outside the normal classroom setting. Mentors will help the student select a research plan, conduct research, and prepare an abstract, poster, and paper to highlight the student's work.

SOCIAL STUDIES

COURSE TITLE: WORLD HISTORY CP / WORLD HISTORY HONORS CREDIT: 1

PREREQUISITE: NONE GRADE: 9

The study of World History-Modern provides students with the opportunity to take a more in-depth look at events and personalities from the Renaissance to the present that have shaped the contemporary world. Through this course of study, the students will explore and evaluate the impact of revolutions, wars, peace, ideologies, exploration, colonization, industrialization, and technological advances on global development. The honors course will involve more writing and analysis of primary and secondary sources.

COURSE TITLE: AP WORLD HISTORY CREDIT: 1

PREREQUISITE: TEACHER RECOMMENDATION GRADES: 9, 10

This Advanced Placement course in World History provides an in-depth look at the economic, political, cultural, social, and environmental development of major civilizations in Africa, the Americas, Asia, and Europe. The course has as its chronological frame the period 8000 B.C. to the present, with the major focus on the period from 600 A.D. to the present. An emphasis is placed on historical analysis and writing. *Note: This is an AP course for 9th and 10th grade students. It satisfies the State Department of Education requirement for one credit in World History.*

COURSE TITLE: AP HUMAN GEOGRAPHY CREDIT: 1

PREREQUISITE: TEACHER RECOMMENDATION GRADES: 9, 10, 11, 12

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

**COURSE TITLE: AMERICAN GOVERNMENT CP
AP AMERICAN GOVERNMENT** CREDIT: 1/2
CREDIT: 1

PREREQUISITE: TEACHER RECOMMENDATION FOR AP GOVERNMENT GRADE: 10

American Government is a one-half unit course required for graduation. It presents an overview of local, state, and national governmental structures, functions, processes, and constitutional foundations. Civic responsibilities, political parties, and election processes are also reviewed. Advanced Placement is taught on the college level and requires additional readings and in-depth study.

COURSE TITLE: AP EUROPEAN HISTORY CREDIT: 1

PREREQUISITE: TEACHER RECOMMENDATION GRADES: 10, 11, 12
AP ENGLISH RECOMMENDED

This Advanced Placement course in European History provides an in-depth study of the development of Western European History. It is designed to increase the knowledge of the political, social, economic, and intellectual histories of the nations of Western European History. The student will gain a better understanding of the problems faced by people at a given time, relate these problems to the present, and attempt to find solutions. This course follows College Board guidelines and is taught at the college level. A heavy emphasis is placed on historical analysis and writing.

**COURSE TITLE: US HISTORY CP
AP US HISTORY** CREDIT: 1

PREREQUISITE: TEACHER/COUNSELOR RECOMMENDATION FOR AP GRADE: 11

U.S. History is a one-unit course presenting our nation's progress from Reconstruction to the present in a chronological order of events. Emphases are placed upon the forces and challenges that prompted its growth and rise to a world power. Fundamental is geared to students functioning well below grade level. Advanced Placement is taught at the college level and requires additional readings and in-depth study. An emphasis is placed on historical analysis and writing.

COURSE TITLE: AP ENGLISH LANGUAGE AND COMPOSITION / AP US HISTORY

CREDIT: 1 EACH

PREREQUISITE: TEACHER RECOMMENDATION (1 English and 1 Social Studies)
AND SUCCESSFUL COMPLETION OF HONORS ENGLISH II OR 10 CP

GRADE: 11

This is a two-credit course that combines Advanced Placement English III and Advanced Placement United States History. The English course focuses on developing sophistication and maturity in writing and critically reading and analyzing texts from American literature. The History course provides an in-depth analysis of the development of American history from the pre-Colonial period through the present. It includes a detailed examination of the political, diplomatic, intellectual, cultural, social, and economic history. Because English III AP is based on the survey of American literature, it is an obvious complement to the AP U.S. History course.

COURSE TITLE: PSYCHOLOGY/SOCIOLOGY

CREDIT: 1

PREREQUISITE: NONE

GRADES: 11, 12

Psychology will explore human behavior--what people do, how they think, and why they act as they do. The student is exposed to a broad survey of the fundamental principles of psychology. Sociology is presented as a field of study of man in his culture and the organization of society. The student will be exposed to current social issues through the use of periodicals and other current material. Students may choose this course or AP Psychology.

COURSE TITLE: AP PSYCHOLOGY

CREDIT: 1

PREREQUISITE: DEPARTMENTAL RECOMMENDATION

GRADES: 11, 12

The AP Psychology course introduces students to the systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with such topics as the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatment of abnormal behavior, and social psychology. Throughout the course, students employ psychological research methods, including ethical considerations, as they use the scientific method, analyze bias, evaluate claims and evidence, and effectively communicate ideas.

COURSE TITLE: GLOBAL RELIGIOUS STUDIES

CREDIT: 1

PREREQUISITE: WORLD HISTORY OR WORLD GEOGRAPHY

GRADE: 11, 12

The course will examine a number of the world's religions. Mystical and philosophical movements are examined to provide a better understanding of these highly influential traditions, as well as a basic introduction to the idea of religion itself. These religions still exert a great deal of influence in the world.

**COURSE TITLE: ECONOMICS CP
AP ECONOMICS MACRO**

CREDIT: 1/2

PREREQUISITE: ALGEBRA I REQUIRED FOR AP ECON
TEACHER RECOMMENDATION FOR AP ECON

GRADE: 12

This one-half unit economics course is required for graduation. It reviews the fundamental economic principles of our American manufacturing and marketing techniques. Emphasis is placed on how the consumer is affected and how the consumer may become better informed. Advanced Placement is taught at the college level and includes basic economic concepts, the nature and functions of product markets, factor markets, and the role of government.

COURSE TITLE: AP ECONOMICS MICRO/ CONTEMPORARY ISSUES

CREDIT: 1

PREREQUISITE: ALGEBRA I REQUIRED/ TEACHER RECOMMENDATION

GRADE: 12

The purpose of the AP course in microeconomics is to give students a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the economic system. It places primary emphasis on the nature and functions of product markets and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy. In Contemporary Issues, students will use inquiry skills to examine the issues that impact the contemporary world. Included in the course will be analysis of the historical, cultural, economic, and geographic factors that have raised certain issues to levels of concern in our nation and around the globe. Students will engage in research and problem solving in order to better understand and assess significant current issues.

COURSE TITLE: AMERICANS AT WAR

CREDIT: 1

PREREQUISITE: NONE

GRADE: 10, 11, 12

This course is a survey of the conflicts and causes leading up to the War Between the States. The in-depth study will be all inclusive of the war, Reconstruction, and westward migration.

SPECIAL EDUCATION

PREREQUISITE: STUDENTS MUST MEET THE STATE AND FEDERAL CRITERIA FOR HANDICAPPING CONDITIONS AS MANDATED BY FEDERAL GUIDELINES.

GRADES: 9, 10, 11, 12

COURSES FOR STUDENTS WITH DISABILITIES

The courses codes and titles for Special Education students may vary depending upon the individual needs of each student as documented by the Individual Education Program (IEP) Team. The IEP team will place the student in the least restrictive environment.

Work Based Learning (WBL) – participation in this program is by approval from Work-Based Coordinator. This program is available only to the students who are seventeen and meet specific requirements.

SPECIAL CONDITIONS

FIRST PRIORITY: Whenever possible, special education students will be included in the appropriate levels of regular education courses. Students may also take courses that are co-taught with a special education teacher.

SECOND PRIORITY: If the IEP team indicates direct Special Education services, the student may be placed in elective Special Education courses. These courses do not have to fulfill a particular required academic credit but may be general in nature in order to meet the specific needs of the student and the IEP.

THIRD PRIORITY: A student with a disability can be recommended by the IEP team based on a qualifying disability (through the focused plan of study, annual review of the plan, or after attempting a required course) to take required courses taught in Special Education settings. In such cases, the Special Education teacher provides specialized instruction of the curriculum standards for that course and instructs the student accordingly.

SPECIAL EDUCATION PROGRAMS TAUGHT BY SPECIAL EDUCATION TEACHERS

SPECIAL EDUCATION – CDC-A (Comprehensive Developmental Class with Activity): Placement in this self-contained program is determined by an IEP team decision. Instruction is designed to meet the academic needs of the multiple-disabled student. The emphasis of this program is on an integrated community-based work program. Academic emphasis is on targeted work behavior and work-related skills as well as interpersonal and daily living skills.

SPECIAL EDUCATION – RESOURCE Placement in this program is determined by IEP team decision. This program is for students who need to receive instruction and/or support from a special education teacher. Type of instruction is determined by the IEP team and is based on the student's educational need. Some students in this program may require close academic supervision rather than total student responsibility in the regular high school program. Transition programs for students may include placement in the community-based work programs.

SPECIAL EDUCATION – SATELLITE Placement in this program is determined by IEP team decision. Programming includes a combination of self-contained instruction and placement in elective classes.

THEATER

COURSE TITLE: THEATRE ARTS I

CREDIT: 1

PREREQUISITE: NONE

GRADES: 9, 10, 11, 12

Acting I is for students who have an interest in drama and wish to learn the history of theater and improve their abilities in communicating and appearing before a group. The curriculum includes exercises in pantomime, improvisation, basic stage direction, play reading, theater history, stage craft, basic acting skills, oral interpretation, and solo acting.

COURSE TITLE: ADVANCED THEATRE ARTS

CREDIT: 1

PREREQUISITE: THEATRE ARTS I AND AUDITION

GRADES: 10, 11, 12

Advanced Theatre Arts is for students who have completed Acting I and who wish to expand their interpretative skills, knowledge of theater, and play production. The class is performance-based. Intensive scene-study and character analysis are emphasized. Class admittance is gained through audition only. Auditions held in February.

COURSE TITLE: ADVANCED THEATRE ARTS: STAGECRAFT

CREDIT: 1

PREREQUISITE: THEATRE ARTS I AND TEACHER RECOMMENDATION

GRADES: 10-12

This course is designed for the student who is interested in the study of technical theatre. Students will study lighting design, sound design, set construction, prop construction, costume construction, make-up and wigs, and stage management. Class will construct all of the above for current production at FHS.

COURSE TITLE: ADVANCED THEATRE ARTS: PLAY PRODUCTION

CREDIT: 1

PREREQUISITE: THEATRE ARTS I AND AUDITION

GRADES: 10-12

This course offers students the opportunity to study the production and performance of a full-length play. Students will be responsible for all production elements of a staged play as well as performing as the cast of the show. Class admittance is determined by audition only. Auditions will be held in February.

COURSE TITLE: VISUAL LITERACY: FILM MAKING

CREDIT: 1

PREREQUISITE: ENGLISH 9, 10 AND THEATRE ARTS I

GRADES: 11, 12

This course is for the student who has an interest in the writing, producing and creating original video. Students will learn and use standard screenplay format; explore the technology of filmmaking; and analyze the film in terms of narrative style, directorial voice and in historical context. Project studies will include: Silent Films, Feature Cinematic Styles, Foreign Film, Short Film, Animation, Instructional Film, and Documentaries.

COURSE TITLE: FILM STUDIES

CREDIT: 1

PREREQUISITE: NONE

GRADES: 11, 12

This course will give students an understanding of the complex relationship between American culture and commercial films in the 20th Century. Besides learning to identify the technical components of movies, students will explore and research the time period in which a particular film was produced. By the end of the course, students will be able to identify political, economic, and cultural issues that have concerned Americans throughout the 20th Century, and analyze how movies continue to both reflect and shape American society.

COURSE TITLE: MUSICAL THEATRE

CREDIT: 1

PREREQUISITE: AUDITION ONLY

GRADES: 9, 10, 11, 12

This course offers students the opportunity to study and perform in this genre. The course combines practical vocal training including diction and tone quality as well as the development of students as actors. Students will study the evolution of musical theater and develop and appreciation for this uniquely American art form. (Elective credit)

WORLD LANGUAGE

NOTE: World languages are taught sequentially. Students must complete each level with a passing grade before enrolling in the next level. Each course offers one unit of credit.

Generic course descriptions for French, German, Russian, and Spanish appear below. Russian does not offer Advanced Placement. Latin descriptions are listed separately.

COURSE TITLE: **FRENCH I; GERMAN I; RUSSIAN I; SPANISH I** CREDIT: 1
PREREQUISITE: TEACHER RECOMMENDATION GRADE: 9, 10, 11, 12

For students who are interested in acquiring knowledge of the foreign language and culture. The curriculum includes the study of the culture and basic communicative skills in listening, speaking, reading, and writing. Recommended for 9th grade students who read and perform language arts skills and math skills above grade level. It is recommended that students in grades 10-12 who are following the university path begin studying languages in 10th grade.

COURSE TITLE: **LATIN I** CREDIT: 1
PREREQUISITE: TEACHER RECOMMENDATION GRADE: 9, 10, 11, 12

LATIN I is for students who are interested in acquiring knowledge of the Roman language and culture. The curriculum includes the development of vocabulary, grammar, translation skills, and the study of the historical and cultural values of Rome and its continuing contributions to western civilization. Recommended for 9th grade students who read and perform language arts skills **above** grade level.

COURSE TITLE: **LATIN I HONORS** CREDIT: 1
PREREQUISITE: TEACHER RECOMMENDATION GRADE: 9, 10, 11, 12

The honors curriculum differs both in pacing and rigor from the regular Latin I CP course. In addition to covering more content, students in Latin I Honors will be expected to write more extensively in Latin in class exercises, homework assignments, and extra take-home projects.

COURSE TITLE: **FRENCH I HONORS; GERMAN I HONORS; SPANISH I HONORS** CREDIT: 1
PREREQUISITE: TEACHER RECOMMENDATION GRADE: 9, 10, 11, 12

These courses follow the general curriculum but move at a faster pace and are more in depth. Also, additional vocabulary and grammar are taught. Increased emphasis is placed on writing, speaking, reading, and listening skills.

COURSE TITLE: **FRENCH II; GERMAN II; RUSSIAN II; SPANISH II** CREDIT: 1
PREREQUISITE: TEACHER RECOMMENDATION GRADE: 10, 11, 12

For students who are interested in developing the skills learned in the first level. The curriculum includes further study of the skills acquired in level one. Students who have successfully completed level I or who have demonstrated proficiency as determined through a language proficiency test or through teacher recommendation are eligible to take this course. Recommended for students in grades 10-12 who are following the university path.

COURSE TITLE: **LATIN II** CREDIT: 1
PREREQUISITE: TEACHER RECOMMENDATION GRADE: 9, 10, 11, 12

LATIN II is for students who are interested in developing the skills learned in the first level. The curriculum includes further study of Latin grammar, language, history, and culture of the Romans. Students who have successfully completed level I or who have demonstrated proficiency as determined through a language proficiency test or through teacher recommendation are eligible to take this course. Recommended for students in grades 10-12 who are following the university path.

COURSE TITLE: LATIN II HONORS CREDIT: 1
PREREQUISITE: TEACHER RECOMMENDATION GRADE: 9, 10, 11, 12

The honors curriculum differs both in pacing and rigor from the regular Latin II CP course. In addition to covering more content, students in Latin II Honors will be expected to write more extensively in Latin in class exercises, homework assignments, and extra take-home projects.

COURSE TITLE: FRENCH II HONORS; GERMAN II HONORS; SPANISH II HONORS CREDIT: 1
PREREQUISITE: TEACHER RECOMMENDATION GRADE: 10, 11, 12

These courses follow the general curriculum but move at a faster pace and are more in depth. Also, additional vocabulary and grammar are taught. Increased emphasis is placed on writing, speaking, reading, and listening skills.

COURSE TITLE: FRENCH III; GERMAN III; RUSSIAN III; SPANISH III CREDIT: 1
PREREQUISITE: TEACHER RECOMMENDATION GRADE: 10, 11, 12

For students who are motivated to move beyond the standard levels of language study. The curriculum includes extensive use of the language as well as further development of reading, speaking, writing, and listening skills and the study of authentic materials. This course is recommended for college-bound students who plan to take university placement tests in world language. Students who have successfully completed level II or who have demonstrated proficiency as determined through a language proficiency test or through teacher recommendation are eligible to take this course.

COURSE TITLE: FRENCH III HONORS; SPANISH III HONORS CREDIT: 1
PREREQUISITE: TEACHER RECOMMENDATION GRADE: 10, 11, 12

These courses follow the general curriculum but move at a faster pace and are more in depth. Also, additional vocabulary and grammar are taught. Increased emphasis is placed on writing, speaking, reading, and listening skills.

COURSE TITLE: FRENCH IV HONORS; RUSSIAN IV HONORS; SPANISH IV HONORS; GERMAN IV HONORS CREDIT: 1
PREREQUISITE: TEACHER RECOMMENDATION GRADE: 11, 12

For students who are motivated to continue the study of language. The curriculum includes the study of authentic materials and further development of communication skills in the language and will help to prepare the student for university-level placement tests in the language. NOTE: Many university world language departments offer placement test options for all students which may allow them to test out of lower-level world language requirements and for which they may receive university credit.

COURSE TITLE: FRENCH AP; GERMAN AP; SPANISH AP CREDIT: 1
PREREQUISITE: TEACHER RECOMMENDATION GRADE: 11, 12

For students who are motivated to continue intensive study of the language in preparation for the Advanced Placement examination. The curriculum includes the study of authentic materials and further development of oral/aural skills in the language and will help to prepare students for the Advanced Placement examination. Students who have successfully completed Level III Honors and Level IV Honors of the language or who have demonstrated proficiency as determined through a language proficiency test or through teacher recommendation are eligible to take this course.

ACADEMIC SUCCESS

COURSE TITLE: PEER TUTORING CREDIT: 1

PREREQUISITE: APPLICATION PROCESS GRADES: 11-12

A course designed for students who desire to help give academic and social support to fellow students. Students may earn multiple credits by working in one of the various peer tutoring programs in the school which includes: CDC, CDCA, Resource, Satellite, and The Learning Center.

COURSE TITLE: ADVANCED PEER TUTORING CREDIT: 1

PREREQUISITE: APPLICATION PROCESS AND PEER TUTORING GRADES: 11-12

This course is an extension of Peer Tutoring, and is intended for students who are committed to giving academic and social support to fellow students. Through this course, students earn continuing credits in peer tutoring opportunities by working in one of the following programs: CDC, CDC-A, Resource, Satellite, or The Learning Center.

COURSE TITLE: TEST PREPARATION CREDIT: 1

PREREQUISITE: APPLICATION PROCESS GRADES: 10, 11

A one-semester, one-credit elective course designed for college-bound sophomores and juniors who want to maximize their standardized scores. This course provides the student with complete preparation for the SAT/PSAT and the ACT.