

EAST KNOX HIGH SCHOOL

PROGRAM OF STUDY

2019-2020



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FOREWORD

The East Knox High School Guidance Office is available to answer questions and help students plan their schedules in order to meet graduation requirements. This Program of Study has been prepared to give the students and parents the information about courses and is to assist in the selection process. It is essential for students to select the right courses **and get passing grades** in order to meet graduation requirements.

Students and parents should first check the required classes needed for graduation below. Through guidance students will fill out a course request form, which parents should review with their student. School officials will develop the master schedule.

Necessary schedule changes will only be made during the first five days of each semester.

Therefore, care should be taken when requesting classes. Any schedule change requests are made on the Schedule Change Form available in the guidance office. All schedule change requests will need a parent, principal, and guidance counselor signature.

All other changes due to enrollment numbers, class overload, availability, or facility limitations will be made by the administration.

GRADUATION REQUIREMENTS

Curriculum

State and Local Credit

Class of 2020, 2021, 2022, and 2023

English	4 credits
Math	4 credits
Science*	3 credits
Social Studies**	3 credits
Health	½ credit
Physical Education	½ credit
Fine Arts (Art, Music)	1 credit
Electives	<u>6 credits</u>
Total	22

* Science must include 1 credit of Biological Science and 1 credit of Physical Science
** Social Studies credit must include ½ credit of Political Science and ½ credit of Personal Finance.

***** 1 semester of Physical Education = .25 credit. 0.50 needed for graduation

NOTE – To receive a diploma the student must:

1. Pass 22 Credits, minimum, as outlined above
2. Fulfill all requirements of state testing (see State Testing below).
3. Owe no fees or debts to the East Knox School District, including discipline.
4. Have 13 or less unexcused absences for the entire year.

STATE TESTING

Students will be required to accumulate eighteen (18) total points by taking the American Institutes of Research (AIR) end of course exams in the areas of English (two tests), Algebra I, Geometry, US History, Government, and Biology. **Students must earn four (4) points each in the areas of both English and Math, a total of six (6) points from Science and Social Studies, and four (4) additional points from any of the tests in order to earn a diploma in the State of Ohio.**

NCAA REQUIREMENTS

If a student thinks he/she may have the opportunity to play Division I or II athletics at the college level, they must be registered with the NCAA and meet academic requirements. To register with the NCAA visit <http://www.ncaa.org/>

Refer to the website to see if you will qualify.

A student athlete needs to be aware of these guidelines and should consider them throughout high school to ensure eligibility should he/she be given the opportunity to participate in Division I or II college level sports. Fundamental math courses (i.e. Algebra I Plus, Algebra II Plus, and Geometry Plus) are NOT be accepted by the NCAA.

COLLEGE CREDIT PLUS

The College Credit Plus program (CCP) permits Ohio public and non-public high school students in grades 7 through 12 to earn college credit and/or high school graduation credit through the successful completion of college courses. The purpose of the program is to promote rigorous academic pursuits and to provide a variety of options to Jr./Sr. High School students. Students must have a minimum grade point average to qualify for enrollment at the College Credit Plus institution, successfully complete all testing requirements of the institution, and attend the mandatory CCP meeting in February. The GPA requirements vary based on the college/university. Students must return the “Intent to Participate” form to the Guidance Office by April 1st and apply to the college of their choice prior to the application deadline set by the college.

East Knox will offer College Credit Plus classes at our facility during the school day in cooperation with Kenyon College. Students will earn both high school and college credit. Applications are available in the Guidance Office and should be returned to the Guidance Office by the teacher completing the recommendation portion of the application. Students must return the “Intent to Participate” form to the Guidance Office by April 1st and must meet eligibility requirements set forth by Kenyon College.

HONORS DIPLOMA (ACADEMIC)

The student who completes the college preparatory curriculum in high school must meet SIX of the following SEVEN criteria:

- Earn at least four units of mathematics which shall include Algebra I, Algebra II, Geometry and another higher level course, or a four-year sequence of courses which contains equivalent content.
- Earn at least four units of Science including two advanced Science courses with laboratory experiences.
- Earn four units of Social Studies.
- Earn three units of World Languages (must include no less than two units for which credit is sought). i.e., three units of one World Language or two units of different Languages.
- Earn one unit of Fine Arts.
- Maintain an overall high school grade point average of at least 3.5 on a four-point (unweighted) scale up to the last grading period of the senior year
- Obtain a composite score of 27 on the American College Testing Services ACT assessment (excluding the optional writing test) or a combined score of 1280 on the College Board's SAT verbal and mathematics sections (excluding the required writing section).

HONORS DIPLOMA (CAREER CENTER)

The student who completes an intensive career-technical education curriculum in high school must meet any NINE of the following TEN criteria.

- Earn at least four units of mathematics which shall include Algebra I, Algebra II, Geometry and another higher level course, or a four-year sequence of courses which contains equivalent content.
- Earn at least four units of science, including two advanced sciences with laboratory experiences.
- Earn four units of social studies.
- Earn four units in a career-technical education program that leads to an industry-recognized credential, results in an apprenticeship or is part of an articulated career pathway, which can lead to post secondary credit. If the student's program design does not provide for any of these outcomes, then the student must achieve the proficiency benchmark established for the applicable Ohio Career-Technical Competency Assessment or the equivalent.
- Achieve the proficiency benchmark established for the Ohio Career-Technical competency assessment (available at http://www.webxam.org/info_docs.asp.) or equivalent assessment aligned with state approved and industry validated technical standards.
- Maintain an overall high school grade point average of at least 3.5 on a 4.0 scale (unweighted) up to the last grading period of the senior year
- Obtain a composite score of 27 on the American College Testing Service's ACT assessment (excluding the optional writing test) or a combined score of 1280 on the college board's SAT verbal and mathematics sections (excluding the score obtained on the required writing section), or a 6 or higher on Reading for Information and a 6 or higher on Applied Mathematics on the WorkKeys exams.
- Earn two units of one world language.
- Complete a field experience and document experience in a portfolio specific to the student's area of focus.
- Develop a comprehensive portfolio of work based on the student's field or a topic that is related to the student's area of focus.

REGISTRATION PROCEDURES

SCHEDULE REQUIREMENTS

1. A student may take only **ONE** study hall per semester. Students who wish drop their Study Hall and apply for teacher aide or office aide must complete an “Aide Application.” All student aides must be in good academic standing, on track for graduation, and earn no grade below a C- in all classes during the preceding quarter. Grades will be checked quarterly and any student who fails to meet the grade requirement will be placed back into study hall to focus on improving their grades.
2. Courses should be carefully considered. Only during the first five days of the beginning of school and the beginning of the second semester will changes be considered.
3. Class standing is based on the number of credits earned as follows:

Freshman	0 – 5.50 Credits
Sophomore	5.75 – 10.75 Credits
Junior	11.00 – 16.00 Credits
Senior	16.75 +
4. Lunch will automatically be scheduled.

The Guidance Office and administration reserve the right to make changes due to enrollment numbers, class overloads, availability, or facility limitations.

HIGH SCHOOL COURSE DESCRIPTIONS

AGRICULTURAL SCIENCE DEPARTMENT

AGRICULTURAL SCIENCE I

LENGTH – YEAR

The Agricultural Science I curriculum will follow Ohio's Competency Analysis Profile for Agri-Science. The curriculum will include research technology, environmental science, plant science and physiology, animal science, mechanical leadership activities through involvement in the student youth organization, FFA. Specific subject matter will include basic soil science, rural soil use, leadership, FFA parliamentary procedure, animal science, plant science, record keeping, basic woodworking and arc welding.

Grades: 9-12

PREREQUISITE: None

Credit: 1.00

Credit: .25 (SAE or Supervised Agricultural Experience) Student completes an SAE project over the summer for the additional .25 credit.

AGRICULTURAL SCIENCE II

LENGTH – YEAR

The Agricultural Science II curriculum will follow the same curriculum as in Agricultural Science I but specific subject matter will include tree identification, compass use, reading topographical maps, urban soil uses, public speaking, parliamentary procedure, summarizing record books, oxy-acetylene torch use, basic small engines, animal science and plant science.

Grades: 10-12

PREREQUISITE: Agricultural Science I

Credit: 1.00

Credit: .25 (SAE or Supervised Agricultural Experience) Student completes an SAE project over the summer for the additional .25 credit.

AGRICULTURAL SCIENCE III

LENGTH – YEAR

The Agricultural Science III & IV courses of study will include marketing, farm management, soil nutrition, advanced welding, advanced woodworking, natural resources, livestock health, credit, taxes and job opportunities.

Grades: 11-12

PREREQUISITE: Agricultural Science I & II or permission of instructor

Credit: 1.00

Credit: .25 (SAE or Supervised Agricultural Experience) Student completes an SAE project over the summer for the additional .25 credit.

AGRICULTURAL SCIENCE IV**LENGTH – YEAR**

Same format as Agricultural Science III with more in-depth study.

Grade: 12**PREREQUISITE: Agricultural Science I-III****Credit: 1.25****Credit: .25 (SAE or Supervised Agricultural Experience) Student completes an SAE project over the summer for the additional .25 credit.****AGRICULTURAL BUSINESS****LENGTH - YEAR**

Class emphasis is on job skills. Topics include interviewing, resumes, job application, taxes and tax preparation, etc. A job that is Ag related is preferred. If 450 hours of work are completed successfully, a student can obtain 3 credits for work.

Grade 11, 12**PREREQUISITE: Previous Agricultural Class****Credit: 1 for class, up to 3 for work****ART DEPARTMENT****ART 1****LENGTH - SEMESTER**

Students will learn the basic fundamentals in art including drawing, painting, ceramics, sculpture, print making, computer art, photography, and other mixed media. Students will gain experience working with the following mediums: graphite pencil, pen, charcoal, pastels, crayons, colored pencil, acrylic paint, watercolor, oil pastels, and other assorted mediums. Emphasis will be on techniques and expression through observational artwork using models, nature, and still lifes as well as creating work using research and the imagination. The objective is to encourage individual achievement through critical thinking, problem solving, exploration of basic art principles and integrating technology. Writing components as well as research, technology and art history will be incorporated into the curriculum

Grades: 9-12**Credit: .50****ART 2****LENGTH - SEMESTER**

Students will continue to learn all of the basic fundamentals in art including drawing, painting, ceramics, sculpture, print making, computer art, photography, and other mixed media. Students will gain experience working with the following mediums: graphite pencil, pen, charcoal, pastels, crayons, colored pencil, acrylic paint, watercolor, oil pastels, and other assorted mediums. Emphasis will be on techniques and expression through observational artwork using models, nature, and still lifes, as well as creating work using research and the imagination. The objective is to encourage individual achievement through critical thinking, problem solving, exploration of basic art principles and integrating technology. Writing components as well as research, technology and art history will be incorporated into the curriculum

Grades: 9-12**PREREQUISITE: Art 1****Credit: .50**

ART 3/4**LENGTH - SEMESTER**

Students will be able to concentrate in art and design with further application using skills and techniques acquired in primary classes. Emphasis will be on developing more advanced techniques in different mediums. Students will gain further experience working with a variety of mediums and mixed media. Emphasis will be on techniques and research and the imagination. The objective is to encourage individual achievement using critical thinking, problem solving and integrating technology. Writing components as well as research, technology and art history will be incorporated into the curriculum.

Grades: 10-12**PREREQUISITE: Art 1 and Art 2****Credit: .50****Studio Art: 3D Design****LENGTH - SEMESTER**

This course deals with Art in 3D form, a variety of mediums will be explored which may include textiles, ceramics, Paper Mache, wire, sculpture and more. Students will participate in a wide range of experiences using additive or subtractive sculptural techniques designed to build artistic and creative confidence.

Grades: 10-12**Prerequisite: Art 1****Credit: .50****INDEPENDENT ART STUDY - Advanced****LENGTH – SEMESTER**

Students are presented with a sequence of problems ranging from pictorial organization to refinements of aesthetic interpretation. Students work will be integrated with a dialogue and critique to instill in them a habit of self-instruction which will enhance their college performance. An exhibition of the students work will be presented for their final grade.

Grade: 12**PREREQUISITE: Teacher Recommendation****Credit: .50**

ENGLISH EDUCATION DEPARTMENT

ENGLISH 9

LENGTH – YEAR

Instruction will integrate literature study, grammar and composition. There will also be compositions on nonfiction selections. The objective is to teach the student clearer communications through writing, speaking, thinking and listening. Improvement of reading skills, analysis and enjoyment of reading are also class goals. Students will read full-length books and may be required to complete a short research assignment.

Grade: 9

PREREQUISITE: None

Credit: 1.00

Note: Honors English 9 requires a teacher recommendation and a grade of A in both semesters of Language Arts 8

WORLD LITERATURE

LENGTH – YEAR

Students will study a variety of literature, including world literature and novels and learn to write varied compositions with emphasis on developing paragraphs and short essays. Research skills will be used in a short paper. Also, students will develop writing skills making practical application of grammar and vocabulary study. Students will develop an appreciation of world literature, plays, short stories, myths, and novels.

Grade: 10

PREREQUISITE: Passing grade in English 9

Credit: 1.00

Note: Honor English 10 requires a teacher recommendation and a grade of A in both semesters of English 9

AMERICAN LITERATURE

LENGTH – YEAR

Students will study American Literature, focus on research and analysis in their writing, increase their vocabulary skills, remediate grammar and usage problems, and read two or three supplemental novels. In addition, students will improve their oral presentation skills, their visual literacy skills, and their reading and writing skills.

Grade: 11

PREREQUISITE: Passing grade in World Literature

Credit: 1.00

BRITISH LITERATURE

LENGTH – YEAR

Students will study literary works and literary elements focusing on British literature. Literary study will include poetry, plays, fiction, and nonfiction prose. Reading selections will include both assigned and supplemental choices. Students will write for various purposes with a focus on applying standard English grammar, usage and vocabulary in compositions. Research and analytical skills will be applied for writing and speaking. Listening skills and visual literacy will be implemented throughout the course. Presentations will include the use of research and technology. Throughout the course, students will develop a writing portfolio in addition to supplementing a career portfolio. The language arts State Standards will be included throughout the course. Students will enhance their literary and writing experiences, as well as develop communication skills for employment and/or further education.

Grade: 12

PREREQUISITE: Passing grade in American Literature

Credit: 1.00

GOTHIC AND HORROR LITERATURE**LENGTH – SEMESTER**

Authors studied in this course will include both contemporary and classic authors such as Hawthorne, Shelley, Poe, and Stephen King. Topics of study connected to these works and authors will include the psychology of horror, why we like to be scared, how the genre has evolved to what it is today, etc.

Grades: 10-12**Credit: .50****MYTHOLOGY****LENGTH - SEMESTER**

Mythology is used as a reference in many pieces of literature, being a basis for reading understanding. Students will read many mythological stories, studying the gods and goddesses, heroes, creatures, and places of Ancient Greece and Rome and other cultures. Students will become familiar with word roots and bases to help enlarge vocabulary.

Grades: 10-12**Credit: .50****FUTURISTIC FICTION****LENGTH - SEMESTER**

What will the future be like? How might the world end? These are questions that authors have wondered and written about for centuries. Focusing on science fiction, the theme of dystopia and life after the apocalypse, this class will explore both classic and modern literature that has inspired some of the most popular books and films of today. Books that may be read include Fahrenheit 451, Brave New World, Cat's Cradle, as well as more recent fiction such as Feed and The Hunger Games. The course will require reading both in and out of class, critical analysis of the literature, research on related subjects, personal reflection and debate.

Grades: 10-12**Credit: .50****LANGUAGE AND POWERFUL COMMUNICATION****LENGTH - SEMESTER**

Taking this course will be a great way not only to gain valuable experience in speaking in front of groups, but also to increase your level of engagement in all public and social situations, including other courses. This is a highly interactive class – the student will be working extensively with small groups of fellow students, as well as the instructor and the whole class and be interacting with audiences outside the classroom (other content areas/classes). The student will be expected to incorporate multimedia into the presentations using technology and digital tools.

Grades: 10-12**Credit: .50****COLLEGE WRITING****LENGTH - SEMESTER**

The purpose of College Writing is to help you grow and prepare yourself to write at a college level. In this course, you will work on both research and writing skills. Students will write college-level papers in both MLA and APA formats. College Writing students should be planning on attending a four year college. The college search and application process will be covered in some detail as part of this course.

Grades: 11-12**Credit: .50**

FAMILY & CONSUMER SCIENCE DEPARTMENT

PRINCIPLES OF FOOD

LENGTH – SEMESTER

In this course, students will gain knowledge in food selection criteria and apply preparation methods to promote a healthy lifestyle. Students will apply cooking methods, ingredient selection and nutritional information in the context of selected food dishes. Throughout the course, basic food safety and sanitation techniques will be emphasized.

Grades: 8-10

Credit: .50

CULINARY FUNDAMENTALS

LENGTH – SEMESTER

This is a study of basic nutrition, principles of food preparation, meal planning and social etiquette. Food will be prepared with an additional emphasis on sanitation and safety. Course goals include increased knowledge about nutrition information, planning and carrying out attractive and nutritious meals, experiencing new foods and methods of preparation.

Grades: 10-12

Credit: .50

PREREQUISITE: Principles of Food

GLOBAL FOODS

LENGTH - SEMESTER

This is a more in-depth study of nutrition, meal planning and principles of food preparation. More advanced foods will be planned and prepared. Students will be expected to use prior knowledge retained in Foods I to continue to learn about foods and nutrition. Course goals include learning about meal planning and budgeting, adjusting recipes, planning and carrying out advanced meals, understanding various cultures and their views on food and nutrition, and experiencing new foods and methods of food preparation.

Grades: 11-12

PREREQUISITE: Culinary Fundamentals

Credit: .50

CHILD DEVELOPMENT

LENGTH – SEMESTER

In this course, students will study the principles of child growth, development and behavior. An emphasis will be placed on the cognitive development of a child and sensory and motor skills. Additional topics will include childhood diseases, immunizations, theories of development, learning styles and evaluating childcare services.

Grades: 10-12

Credit: .50

LEADERSHIP AND COMMUNITY ENGAGEMENT

LENGTH - SEMESTER

In this course, students will learn how to become an active community member and citizen. An emphasis will be placed on service-learning, leadership training, and team building opportunities. Additional topics will include public policy issues and community and global engagement.

Grades: 9-12

Credit: .50

FOREIGN LANGUAGE DEPARTMENT

SPANISH I

LENGTH – YEAR

Spanish I consists of: (1) pronunciation and ear training in production and recognition of Spanish sounds: (2) vocabulary development for conversation and reading: (3) basic language patterns and grammatical construction: (4) reading and composition within the limits of language comprehension: (5) supplementary activities for background knowledge of Spanish-speaking countries and their cultures. The objectives of Spanish I are to give the students knowledge of both written and spoken Spanish, the people and their cultures.

Grades: 9-12

PREREQUISITE: C or higher in English 8 or teacher recommendation.

Credit: 1.00

SPANISH II

LENGTH – YEAR

Spanish II consists of a review of Spanish I increasing vocabulary, improving pronunciation, conversation, reading, writing, and learning about the history, geography and culture of Spanish speaking countries, and Spanish literature.

Grades: 9-12

PREREQUISITE: C or higher in Spanish I and English or teacher recommendation

Credit: 1.00

SPANISH III

LENGTH – YEAR

Spanish III consists of the review of grammar and vocabulary in Spanish I and II, speaking to express one's own ideas, reading compositions, learning about the history, geography, and culture of Spanish speaking countries and Spanish literature.

Grades: 11-12

PREREQUISITE: C or higher in Spanish I & II or teacher recommendation

Credit: 1.00

SPANISH IV

LENGTH – YEAR

Spanish IV augments Spanish I, II, and III. Reading, writing, speaking and listening skills are refined. Knowledge of culture is increased. Vocabulary is augmented: Grammar is perfected, and culture continues to be emphasized.

Grade: 12

PREREQUISITE: C or higher in Spanish I, II & III or teacher recommendation

Credit: 1.00

MATHEMATICS DEPARTMENT

ALGEBRA PLUS

LENGTH - YEAR

This standards-based algebra course emphasizes contextual learning, hands-on experiences, and applications of algebra in the workplace setting. It will extend principles of arithmetic by working with variables. Students will use algebraic concepts and problem-solving strategies in real world situations. A TI-30XIIS scientific calculator is recommended for this course.

Grades: 8-10

PREREQUISITES: 7th grade math

Credit: 1.00

Note: The NCAA will not accept this course

ALGEBRA I

LENGTH - YEAR

Algebra I extends the principles of arithmetic by working with variables with emphasis on the structure of mathematics. This course is a comprehensive course that prepares students to use algebraic skills and concepts in mathematics, in related disciplines and in real world situations. The student will develop problem-solving strategies to think critically and solve problems. Topics include signed numbers, equations, graphing, factoring, and exponents. This course is recommended for the college bound student. A TI-30XIIS scientific calculator is recommended for this course.

Grades: 8-10

PREREQUISITES: Teacher recommendation and acceptable score on the Algebra Prognosis test for grade 8; Fundamental Algebra required for high school, including grade 9.

Credit: 1.00

GEOMETRY PLUS

LENGTH - YEAR

This standards-based geometry course helps students master geometric concepts in a contextual learning environment. Real-world and workplace applications throughout the course will provide students with a relevant way of translating geometry from an abstract, theoretical approach to a concrete, applied approach. This course will introduce students to informal and formal proofs. There is an extensive use of formulas. **Note:** It is recommended that students planning to take Algebra 2 and Advanced Math take GEOMETRY rather than this course. A TI-30XIIS scientific calculator is recommended for this course.

Grades: 10-12

PREREQUISITES: Successful completion of Algebra I or Fundamental Algebra

Credit: 1.00

Note: The NCAA will not accept this course

GEOMETRY

LENGTH - YEAR

This course involves the study of properties of geometric figures and ideas. Learning to do various formal and informal proofs is an important concept in this course. Extensive use of formulas constitutes a large portion of the material covered. Students will be expected to memorize many theorems, definitions and properties. Both plane and solid geometry are covered. Other topics studied include geometric construction, congruence, similarity, right triangle trigonometry. This course is highly recommended for students planning to go on to Algebra 2 and Pre-calculus (Advanced Math) and college bound students. A TI-30XIIS scientific calculator is recommended for this course.

Grades: 10-12

PREREQUISITES: Successful completion of Algebra I and teacher recommendation

Credit: 1.00

ALGEBRA II PLUS**LENGTH - YEAR**

This course builds upon first year algebra concepts and continues to emphasize problem solving skills as they apply to real world situations. Additional topics include, but are not limited to, irrational and complex numbers, analytic geometry, graphing, exponential functions, logarithms, series and sequences, and permutations and combinations. A graphics calculator is **required**, a 83+ or TI-84+ is preferred.

Grades: 10-12

PREREQUISITES: Successful completion of Algebra I or Fundamental Algebra and Geometry or Fundamental Geometry

Credit: 1.00

Note: The NCAA will not accept this course

ALGEBRA II**LENGTH - YEAR**

This course builds upon first year algebra concepts and continues to emphasize problem solving skills as they apply to real world situations. Additional topics include, but are not limited to, irrational and complex numbers, quadratic functions, analytic geometry, graphing, exponential functions, logarithms, series and sequences, and permutations and combinations. This course is recommended for those students intending to study advanced mathematics/pre-calculus. A graphics calculator is **required**, a TI-83+ or TI-84+ is preferred.

Grades: 9-12

PREREQUISITES: Successful completion of Algebra I and Geometry or teacher recommendation

Credit: 1.00

HONORS ADVANCED MATHEMATICS WITH TRIGONOMETRY**LENGTH - YEAR**

This course extends topics and concepts presented in Algebra, with the goal of developing proficiency with mathematical skills, expanding understanding of mathematical concepts, and improving logical thinking. This course includes trigonometry and analytical geometry and is designed to prepare the serious math student to take Calculus. Theory as well as practical applications will be stressed. Graphing utilities will be used to enhance instruction and problem-solving, therefore a graphics calculator is required (a TI-83+ or TI-84+ is preferred).

Grades: 11-12

PREREQUISITES: Successful completion of Algebra II and Geometry or teacher recommendation

Credit: 1.00

STATISTICS**LENGTH - YEAR**

This is a basic course intended to introduce the student to probability and statistics. The student will learn how information about the world can be presented with statistics, both in useful and misleading ways. It assumes no background knowledge in statistics and is divided into two sections: descriptive statistics and inferential statistics. Students will be introduced to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Topics to be studied include the nature of statistics, sampling, measures of central tendency, distributions, correlation, hypothesis testing, and statistical inferences. Technology and applications from business, economics, and life sciences will play an important role in the course. A graphics calculator is required for the course; a TI-83+ or TI-84+ is preferred.

Grades: 11-12

PREREQUISITES: Algebra II or teacher recommendation

Credit: 1.00

COLLEGE MATH**LENGTH - YEAR**

This is a survey mathematics course that can serve non-physical science/math students with a practical coverage that will connect mathematics to the real world. The course provides an overview of various topics such as problem solving, number and set theory, mathematical systems, real numbers, algebra, geometry, trigonometry, probability, statistics, and consumer mathematics. Students will also study some of the history behind mathematics as well as the biographies of famous mathematicians. The course will make use of technology and applications that will help students develop/maintain skills needed for future mathematics courses and careers. This is a good fourth year mathematics course for students who do not plan to study higher level mathematics or science classes, but wish to keep abreast of various mathematical topics throughout their senior year.

Grades: 11-12

PREREQUISITES: Algebra I and II (or their equivalents) plus geometry

Credit: 1.00

MUSIC EDUCATION DEPARTMENT**HIGH SCHOOL MARCHING BAND****LENGTH – YEAR**

The high school band class is actually a combination of two separate groups. The marching band is a group that performs at all football games, parades, festivals, concerts and other special events. Marching band students sign a commitment form in the previous spring and will be required to meet after school in addition to the high school band class. Band students are required to participate in both marching and concert bands and can only be exempt by written consent from the band director. Students who participate in a fall sport will not be required to participate in the marching band. Students in the high school band class will play marching band music until October. The students who are concert band only students will participate by playing with the marching students during the class period, but will not be required to meet after school or perform with the ensemble. The concert band is a group that performs at concerts, festivals, large-group contests and other special events. Students in this part of the class are also encouraged to prepare music for solo and ensemble contest; however, it is not required. This group will rehearse during the high school band period starting in October through the remainder of the school year. The objective of this course is to further the reading ability of each student in the language of music, develop sound pedagogical understanding with respect to a student's individual instrument, foster team building and group dynamics and improve upon skills learned from previous music experiences. Note: Color Guard and Majorette members of the marching band can take this class for .50 credit with director approval.

Grades: 9-12

Note: STUDENTS THAT ARE AUDITIONED FOR MARCHING BAND INCLUDE DRUMLINE, COLOR GUARD, AND MAJORETTES.

Credit: 1.00

CONCERT CHOIR**LENGTH - SEMESTER**

Choir is open to any students in grades 8 through 12 and requires **NO** audition. Choir will train students' individual solo voice and ensemble voice through musical repertoire. Students will also be taught basic singing techniques in a variety of styles, music notation, dynamics, intonation, and balance. The choir will learn, memorize, and perform several songs throughout the semester. Students who would like to participate in choir are required to participate in daily singing activities with a positive attitude. Students will be required to participate in a concert held at the end of the semester.

Grades: 8-12

Credit: .50

SURVEY OF MUSIC**LENGTH – SEMESTER**

This is a non-performing class that explores several areas of music. Subjects that will be covered include the history of classical music, jazz, rock and roll, pop, music theory, and how to listen to music. Students will write music, participate in group projects, engage in group discussion, and write a final paper at the end of the semester.

Grades: 9-12

Credit: .50

PHYSICAL EDUCATION/HEALTH DEPARTMENT

PHYSICAL EDUCATION I & II

LENGTH – SEMESTER

Physical education is involvement in physical activities, knowledge of how our bodies move and the things that are good/bad for our bodies. The mind and body are not separate: how the mind works at a given time has a great deal to do with how the body feels. Class activities will stress strategies for staying physically fit.

Objectives:Physical fitness—To be able to carry one’s work load without difficulty; to participate in recreation with ease and enjoyment; to develop endurance to meet the emergencies of life; to keep your body in good physical and mental health.

Motor skills—to see improvement in learned motor skills.

Knowledge—to know rules and strategies of activities and to be able to make split second decisions.

Social—to help students to cooperate and appreciate exercise, sports and the use of leisure time.

Participating is the key requirement for physical education. Each unexcused dress cut will result in lowering of a student’s grade. **Example:** Each student starts the nine weeks with an A. If one unexcused dress cut occurs, the grade drops to an A-; two unexcused dress cuts, the grade drops to a B; etc. More than six cuts a quarter will result in an F for the nine weeks. **STREET SHOES WILL NOT BE ALLOWED ON THE GYM FLOOR.** Students must provide tennis shoes which are dedicated for gym use only.

Grades: 9-11 / PE I

Grades: 9-12 / PE II

Credit: .25 (FULL YEAR = .50 CREDIT)

LIFETIME FITNESS

LENGTH - SEMESTER

This class focuses on fitness as a way to achieve and maintain a healthy lifestyle after you leave school. You will gain an understanding of the importance of fitness and learn the skills necessary to develop your own workout routines. High intensity team sports and games will be introduced to demonstrate how games can increase your fitness level.

Grades: 10-12

Credit: .25

STRENGTH AND CONDITIONING

LENGTH - SEMESTER

This class will give each student an opportunity to improve total physical fitness through weight training as well as fitness-based exercise. Students will have the opportunity to work in the weight room, indoors, and outdoors. The goal of this class is to assist the student in exercise techniques to keep the body in good physical condition.

Grades: 10-12

Credit: .25

YOGA

LENGTH - SEMESTER

In this beginner Yoga course, we will utilize yoga practices to become more physically, mentally and emotionally fit. You will learn breathing techniques, basic to intermediate yoga poses, improve the mind-body connection and increase strength and flexibility. Emphasis will be placed on correct alignment and safe practices.

Grades: 10-12

Credit: .25

HEALTH

LENGTH – SEMESTER

The course deals with introducing the different systems of the human body. This includes how each system functions, what organs are involved in this function, what diseases can affect the health of these systems, how the things which are put into the body (drugs, food, etc.) affect it, and how the environment around us can affect a person’s health. Students will be required to take written tests, quizzes, do homework assignments and keep a record (of their choice) on a health related subject.

Grades: 9-10

Credit: .50

Interscholastic Athletic Physical Education Waiver Policy

The Ohio Department of Education mandates 120 hours of physical education to earn the one-half unit of credit required for graduation. Section 3313.603 (L) of the Revised Code, however, allows “the board of education of each school district . . . may adopt a policy to excuse from the high school physical education requirement each student who, during high school, has participated in interscholastic athletics, marching band, or cheerleading for at least two full seasons. If the board or authority adopts such a policy, the board or authority shall not require the student to complete any physical education course as a condition to graduate. However, the student shall be required to complete one-half unit, consisting of at least sixty hours of instruction, in another course of study.”

East Knox High School will allow sophomore and junior student-athletes who participate in two interscholastic sports seasons throughout the school year, to be excused from physical education class, with the exception of 9th grade physical education. Marching Band shall count as 1 sport season. Participants in Marching Band must still complete in a second interscholastic sport in either the winter or spring. Students are not permitted to utilize two activities in the same season to meet this requirement (i.e. band and soccer will count as only one season). The intent of this policy is to encourage and give credit for extended physical activity over the entire length of the school year. All students must take and pass PE 9 as a requirement for graduation. **This option is only open to sophomores and juniors.**

Participation in two-interscholastic sports seasons means the following:

1. Interscholastic Sports Seasons

- a. Fall Interscholastic Sports Season
- b. Winter Interscholastic Sports Season
- c. Spring Interscholastic Sports Season

2. Selection to any interscholastic team will require that student-athletes meet appropriate team standards in order to be a member of any team. Selection to any team is not a guarantee.

3. A minimum of 90% attendance at ALL team practices, competitions, and team events, beginning with the sport’s official start date (set by the Ohio High School Athletic Association) even if this date is prior to the opening of school in the fall and continuing through all post-season play. This may also include events held over school holidays.

4. Each student-athlete is responsible for remaining academically eligible throughout the sports seasons.

5. Participation in the season must include physically active participation in ALL aspects of team training, preparation, and play. If at any time a student-athlete does not meet the criteria set forth above, he/she will be required to make up the appropriate coursework and must contact the guidance to make any necessary schedule changes.

This policy is intended to free time for additional academic scheduling during the school day for two-interscholastic sport student athletes. Student-athletes meeting the requirements of this policy will not receive a grade for physical education since they have been excused from the graduation requirement.

Students planning to participate in this program may request paperwork in April. The paperwork must be submitted to the athletic director before end of June 1.

SCIENCE DEPARTMENT

ADVANCED BIOLOGY

LENGTH - YEAR

Advanced Biology explores the concepts and topics of biology in more depth and detail. The increased rigor of the course is designed for the highly motivated science student. Students best suited for this class should have excelled in previous science classes. The focus of the course is on the cellular and molecular level of biology. Topics include: cell structure and function, cellular respiration, photosynthesis, enzyme activity, DNA, protein synthesis, biotechnology, genetics and evolution. The course is taught as a CCP course through Central Ohio Technical College (COTC) or through Kenyon College as a KAP course.

Grades: 11-12

PREREQUISITES: Biology with a C or higher AND Chemistry

Credit: 1.00 and COTC College or Kenyon College credit

ACTIVE PHYSICS SPORTS

LENGTH - SEMESTER

This course will provide students with a foundation of physics. Students will apply basic physics concepts through the process of scientific investigation and applying the principals of physics through hands-on activities.

Grades: 11-12

PREREQUISITE: None

Credit: .50

BIOLOGY

LENGTH - YEAR

Biology I is designed to provide students with a fundamental understanding of the general concepts of biology, the scientific study of living things. Topics include the scientific method, basic chemistry, cell structure and function, photosynthesis and cell respiration, cell reproduction, genetics, evolution, classification of organisms, and ecology.

Grade: 10

PREREQUISITES: None

Credit: 1.00

BOTANY

LENGTH - SEMESTER

Botany is the study of plants. This course introduces students to the identification and classification of local flowering plants with an emphasis on wildflowers. Students will learn how to use field guides in first part of the course which is conducted largely in the field. A survey of the plant kingdom including algae and fungi will be the focus of the second half of the course. The course is only offered in the fall.

Grade: 11-12

PREREQUISITE: Biology

Credit: .50

EARTH SCIENCE

LENGTH - YEAR

Earth science is a yearlong introductory course designed to teach students the structure of the Earth and the dynamic forces, which shape our planet. Topics include: Geology (study of rocks, plate tectonics, earthquakes, volcanoes, weathering and erosion, glaciers and history of the Earth), Oceanography (study of the oceans and water systems), and Meteorology (study of the atmosphere, climate and weather). This elective course will satisfy the third year of science required for high school graduation. This course is iPad intensive.

Grades: 11-12

Credit: 1.0

ECOLOGY**LENGTH - SEMESTER**

In Ecology, students will become ecologically literate about how the natural world works and develop an appreciation of the complexity of environmental problems. The course will explore a variety of topics including ecosystems, populations, and biodiversity, as well as ecological challenges like climate change, ozone depletion, and species extinction due to human activities. Students will conduct field work, research reports and projects. Due to the nature of the course class size is limited.

Grades: 11-12

PREREQUISITE: Biology

Credit: .50

FORENSIC SCIENCE**LENGTH – SEMESTER**

This course focuses on the skills and concepts behind crime scene investigation and forensic science. This course will help you hone your investigative skills and review a wide range of science concepts and critical thinking. You will review physics, chemistry, anatomy, cell biology, environmental science and computer science in the process of learning about forensic science. You will engage in lectures, labs, case studies, and online activities. This course should help you see how science is used to answer questions rather than just learning science concepts.

Grades: 11-12

Credit: .50

HONORS ANATOMY AND PHYSIOLOGY**LENGTH - YEAR**

Human Anatomy and Physiology covers the structure and function of the human body. Each of the systems of the body is covered in detail. Topics include: anatomical terminology, tissues, integumentary, skeletal, muscular, nervous, endocrine, cardiovascular, lymphatic/immune, respiratory, digestive, urinary, and reproductive systems. The course helps prepares students for nursing and/or other allied health professions. The course is taught as a CCP course through Central Ohio Technical College (COTC).

Grades: 11-12

PREREQUISITES: Biology, Chemistry suggested

Credit: 1.00 and COTC college credit

INTRODUCTION TO ASTRONOMY**LENGTH - SEMESTER**

Introduction to Astronomy is a nontechnical description of the science of Astronomy. A survey of main concepts and discoveries in astronomy will be explored. The course is based around richly illustrated half-hour video lessons. The main topics of the course include: the solar system – planets and their moons; stars and stellar evolution – star birth, the formation of planets, and star death; galaxies and cosmology – the expansion of the universe, its origin and the future of the universe. Students will also be exploring selected constellations.

Grades: 11-12

PREREQUISITE: None

Credit: .50

INTRODUCTION TO CHEMISTRY**LENGTH - YEAR**

Chemistry is a science that deals with matter and the changes it undergoes. Major emphasis is placed upon the structure of matter in determining chemical and physical properties of substances. Chemistry is a basic science course for students who plan to attend college or a science oriented technical school. The student will be exposed to abstract chemical theory, intensive problem solving, and basic laboratory procedure.

Grades: 11-12

PREREQUISITE: Grade of B in both semesters of Algebra I

Credit: 1.00

INTRODUCTION TO PHYSICS**LENGTH - YEAR**

Physics is a science that deals with the study of the laws that govern the natural world. Physics is the study of matter and energy and their interactions. It provides a fundamental understanding of the laws that govern physical, chemical and biological processes. The course is a college preparatory course and is required for an honors diploma. The course requires a strong background in math and analytical problem solving.

Grades: 11-12

PREREQUISITES: Algebra I, II, Geometry & Concurrently taking Advanced Math

Credit: 1.00

METEOROLOGY**LENGTH - SEMESTER**

Students will study an Overview of Major climatic controls; climatic classifications and comparisons of major climatic types; an overview of current climate issues such as global warming and El Niño; overview of the global climate; current weather maps; structure of the atmosphere and the role of moisture in the development of dew, clouds, and precipitation; air masses, fronts, cyclones, thunderstorms, tornadoes, and hurricanes. Elements of weather forecasting, instrumentation and communication will be discussed

Grades: 11-12

PREREQUISITE: None

Credit: .50

NEUROSCIENCE**LENGTH - SEMESTER**

This is an introductory course into the basic principles of neuroanatomy and neurophysiology. It will begin with lessons covering the general organization of the central nervous system. Basic properties of ion channels, mechanisms of action potential generation and propagation, and principles of synaptic transmission will be covered. The latter part of the course will concentrate on specific systems such as the visual, auditory, motor, sensory, and limbic systems. A study of various disorders and diseases of the Brain will be included. The course as a CCP course offered through Kenyon College as a KAP course.

Grades: 11-12

PREREQUISITE: Biology

Credit: .50 & Kenyon College Credit

PALEONTOLOGY**LENGTH - SEMESTER**

Paleontology is a semester course that is designed to provide students with an understanding of the history of life on Earth. Students will be able to interpret important points in the fossil record by observing select fossil specimens taken from areas throughout the United States, including specific fossils native to the state of Ohio. On top of this, students will also learn about the important geological factors like rock formation and plate tectonics that contribute not only to the fossil record, but also the transformation of the Earth and its continents throughout its history. Finally, students will also be guided through their own research project of an extinct organism of their choosing to understand how scientists can determine aspects of its physical anatomy and lifestyle simply by analysis of its fossils.

Grades: 10-12

PREREQUISITE: None

Credit: .50

PHYSICAL SCIENCE**LENGTH – YEAR**

Physical Science is a required graduation course that is designed to better prepare students to apply science concepts to everyday life. A basic introduction to high school chemistry and physics, it includes topics such as the structure of atoms, matter, chemical reactions, and motion and forces, and the conservation of energy.

Grades: 9

PREREQUISITE: None

Credit: 1.00

HONORS ZOOLOGY**LENGTH - SEMESTER**

Zoology is designed to survey the taxonomy of the kingdoms Protista and Animalia. Anatomical body systems, comparative physiology, early development, and behavior will be emphasized. Students will also learn the evolutionary relationships between different organisms, beginning with eukaryotic, single-celled organisms and progressing through both invertebrate and vertebrate animals. Lab work will necessarily involve the dissection of representative specimens.

Grades: 11-12

PREREQUISITE: Biology

Credit: .50

SOCIAL STUDIES DEPARTMENT

HONORS SOCIOLOGY

LENGTH - YEAR

The course examines the structure and relationships among human groups (family, age groups, gender groups, etc.), and how they relate to society as a whole. Students will use critical thinking skills to examine controversial topics and present arguments in class. A major part of this course is devoted to contemporary problems such as deviance, plight of minority groups, decline of the family unit, and education. This course will involve class discussions, debate, essay test, research papers etc.

Grades: 11-12

Credit: 1.0

PRINCIPLES OF PSYCHOLOGY

LENGTH – YEAR

This course is designed to involve students in the scientific study of theories and concepts related to the individual. Students learn basic psychological theories and concepts through classroom discussion and experimentation. Current topics in psychology are emphasized.

Grades: 11-12

Credit: 1.0

CURRENT EVENTS

LENGTH - SEMESTER

This course analyzes events that are presently taking place. Sources for this class will include newspapers, magazines, and the Internet. This class emphasizes class discussion and participation. Students will be required to discuss topics in a large group setting as well as give presentations to the class.

Grades: 9-12

Credit: .50

GEOGRAPHY

LENGTH - SEMESTER

Geography is designed to give students the knowledge of geographic locations, patterns and processes to show the interrelationship between the physical environment and human activity, and to explain the interactions that occur in an increasingly interdependent world. The course will also focus on today's global economics, politics, social values, ideology and culture.

Grades: 10-12

Credit: .50

CONTEMPORARY WARS 1850-1979

LENGTH - YEAR

This course will examine the Civil War Era, which consists of the Antebellum, Civil War, and Reconstruction Periods. The main focus will be on the events from 1850-1970. The social, political, and economic aspects of this turbulent historical timeframe will be analyzed, as well as the long-term effects on our national makeup and psyche. Class discussions, videos, outside reading, primary sources, and projects will help us better understand one of the most significant and critical chapters in our American History. The second semester of this course focuses on an evaluation of two major events in history: the Civil Rights Movement and the Vietnam War. Each event will be analyzed in an effort to better understand what happened, why it happened and how it impacts us today. The use of primary sources, especially video and newsreel footage of actual events, will help students experience what it was like to live during these turbulent times. Students in this course will be required to write a book review as well as a major research paper

Grades: 11-12

Credit: 1.0

ECONOMICS**LENGTH - SEMESTER**

The objective of this course is to provide students with the knowledge they need in order to make sound decisions regarding the financial situations they will be presented with in the near future. Students will learn about topics including; credit cards, loans, investment options, balancing a checkbook, paying bills, budgeting, and compound interest. Written communication of ideas will be emphasized in this class as well as the application of math skills.

Grades: 11-12**PREREQUISITE: None****Credit: .50****GOVERNMENT****LENGTH - SEMESTER**

This course is an in-depth study of the U.S. government, as well as civic responsibilities. This study incorporates all seven standards. Students study the historic tools of the political system and how it has changed over time. They continue to develop an understanding of the rights and responsibilities of citizenship including current events that shape their society.

Grades: 11-12**PREREQUISITE: None****Credit: .50****U.S. STUDIES****LENGTH - YEAR**

Tenth-grade students continue the chronological study of the history of the United States with emphasis on domestic affairs. This study incorporates the Academic Content Standards. As students study historic eras, they consider the geographic, cultural, economic and governmental changes that have occurred. Students develop a deeper understanding of their role as citizens and continue to expand their command of social studies skills and methods.

Grade: 10**PREREQUISITE: World Studies****Credit: 1.00****WORLD STUDIES****LENGTH - YEAR**

Ninth-grade students continue the chronological study of world history. This study incorporates each of the seven Academic Content Standards. As students study historic eras, they consider the influence of geographic settings, cultural perspectives, economic systems and various forms of government. Students gain a deeper understanding of the role of citizens and continue to develop their research skills.

Grade: 9**PREREQUISITE: None****Credit: 1.00****HISTORY THROUGH BOOKS****LENGTH – SEMESTER**

This course is a look at how a few books changed the course of history and impacted American society, as well as looking at the global implications that these books unknowingly held. The coursework will consist of reading and comprehending the books and being able to put that comprehension into words on paper and through projects. It is imperative that the student stay caught up with the reading. The information in these books flow together during reading so that if the assignments are not kept up with it will leave the reader behind and confused and not able to discuss the reading material during the mandatory class participation piece three times a week.

Grades: 11-12**PREREQUISITE: American Literature****Credit: .50****HISTORY THROUGH FILM****LENGTH – SEMESTER**

Not just an eat popcorn and watch movie class! The goal of this class is to learn American History through watching movies. Each film will consist of 6 to 8 days of class work. This class work will be divided into three different areas. The first area will be the introduction. At this point we will introduce the time period and what the film is about. The second area will be the actual watching of the movie with discussion. The third and final area will be the post work which may include discussion questions, work sheets, film reviews and/or essays. This class will be a writing and research intensive class. Missing the viewing of the film due to absenteeism will be problematic, and it will be the student's responsibility to make up the missed time.

The films will be chosen because of their content as well as school friendliness. Unfortunately, there may still be a few parts of the films with abusive language, unruly violence and innuendos. For that reason, a permission slip must be signed before you can participate in class.

Grades: 9-12

Credit: .50

21st CENTURY DIGITAL CITIZENSHIP

LENGTH - SEMESTER

This course is designed as an integrated introduction to sociological developments of social media. The topics of the course include proper etiquette, social media marketing, entrepreneurship in the digital world, uses of ethical and unethical hacking and leaks, social change and social justice. This course looks at the effects of social-globalization through anthropological and sociological lenses.

Grades: 9-12

PREREQUISITE: None

Credit: .50

KAP – Kenyon Academic Partnership

1950's CONSUMERISM AND CONFORMITY

LENGTH - SEMESTER

According to Wikipedia applied history is “history taught in a way to incorporate historical events in hands on environment encouraging historical analysis, investigation, museum studies, archival work, historic preservation, documentaries and firsthand experience.” This Course will be taught using this approach, as well as a technique known as artifact analysis - a way of exploring history and culture by exploring artifacts (primary and secondary sources, physical artifacts, guest speakers, etc).

The KAP is an early college program in which 34 central and northern Ohio public and independent secondary schools offer various Kenyon College introductory levels courses on their own campuses. The program not only permits students to earn college placement and credit before leaving high school but imitates as closely as possible a college environment in the nature and scope of reading, writing, and laboratory assignments, and the process or atmosphere of a college class.

Grades: 11-12

PREREQUISITE: Must be accepted into Kenyon College - 3.00 GPA or higher

Credit: .50 high school credit or Kenyon credit if eligible

HONORS WOMEN'S AND GENDER STUDIES

LENGTH – SEMESTER

This course will introduce students to the interdisciplinary field of women's and gender studies. It will provide students with critical frameworks for thinking about the social construction of gender at the personal and institutional levels. Emphasis will be placed on diverse women's significant contributions to knowledge and culture in American society and to other areas of gender studies, including men's studies and family studies. Discussion of the status of women in a more global perspective may occur. This course will provide knowledge about the social role of women and their involvement in areas such as health, history, and political activism. The course will also provide knowledge about gender stereotypes and how this affects the learning process.

Grades: 11-12

PREREQUISITE: Must be accepted into Kenyon College - 3.00 GPA or higher

Credit: .50 high school credit or Kenyon credit if eligible

Note: This is Kenyon Academic Partnership course; students who returned the Intent to Participate form prior to April 1 may apply for Kenyon CCP credit; course requirements are the same for all students regardless of whether they elect to earn CCP credit

YEARBOOK

LENGTH – YEAR

The purpose of Yearbook I is to produce and publish a school yearbook that includes coverage of student life on campus and major events of that year while preparing students for the increasingly complex life and work environment in the 21st century. In Yearbook, you will learn to design layouts, take quality pictures, interview fellow students, write stories and be a part of a professionally published book.

This class is responsible for the publication of the school yearbook. Students are expected to develop proficiency in skills such as copy writing, design, layout, and public relations. An ability to write and spell is required. Students must spend time outside of class working on all phases of yearbook production, including the sale of ads. Yearbook photographer must be able to take pictures and produce good quality photos.

The students considering this course must have and exhibit a high degree of self-motivation and maturity. They must possess good time management skills. The students will be responsible for writing articles, taking and gathering photographs, and the layout and design of yearbook pages on the computer. In addition, students will market the yearbook. Students must be prepared to spend extra time outside of class working on the yearbook.

Grades: 9-12

PREREQUISITES: English teacher recommendation, a grade of B or better grade average in their previous semester English course and Yearbook teacher approval.

Special Note: This course may be repeated up to three years.

Credit: 1.0

CAREER BASED INTERVENTION (CBI) AND INTERVENTION

This CBI program is designed for students searching for a work skills educational experience. The program provides realistic and meaningful training in a variety of areas that will aid students in gaining the skills needed for securing and maintaining gainful employment. Students spend time during the school day attending classes, which have been specifically planned for them in terms of fulfilling their graduation requirements. Efforts are made to provide intervention and remedial instruction so that students can learn at their maximum potential. The other part of the day, students work in supervised job stations throughout the community. Students will receive three work experience high school credits after successfully completing their required work hours. CBI coordinators work closely with home school guidance counselors in targeting students who might find a CBI program a worthwhile educational alternative. Sophomores completing the program are eligible to enroll in a two-year technology program at the Knox County Career Center.

Individual classes within this program include

RELATED I (1 Credit)

RELATED ACADEMIC II (Credit varies)

CO-OP (1 –3 credits)

**SUGGESTED COURSES FOR STUDENTS PARTICIPATING IN COLLEGE CREDIT
PLUS**

11TH GRADE YEAR

English: **Composition 1 112**

American Literature 211

Math: **Pre-Calculus 150**

Calculus 1 200

Science: **General Biology with Lab 120**

Human Biology with Lab 121

S.S.: **Government 110**

Economics 105

Economics-this applies to graduating classes of 2018 through 2020 and is a graduation requirement

*Any electives the student finds interesting

**SUGGESTED COURSES FOR STUDENTS WHO ARE ON A COLLEGE/HONORS
TRACK BUT NOT PARTICIPATING IN COLLEGE CREDIT PLUS**

11TH GRADE YEAR

English: **American Literature**

College Writing

Math: **Algebra II**

Geometry

Honors Advanced Math w/Trigonometry

Statistics

College Math

Science: **Intro to Chemistry**

Honors Human Anatomy & Physiology

Honors Advanced Biology

Honors Zoology

S.S.: **Government**

Economics

*Any electives the student finds interesting

**SUGGESTED COURSES FOR STUDENTS PARTICIPATING IN COLLEGE CREDIT
PLUS**

12TH GRADE YEAR

English: **Composition 2 113**

British Literature 221

Math: **Trigonometry 110**

Intro. To Statistics 130

Science: **Basic Chemistry with Lab 101**

Physics with Lab 100

S.S.: **Cultural Diversity 110**

Intro to Psych. 100

Economics/Personal Finance-this applies to graduating classes of 2020 through
2023 and is a graduation requirement if not taken previously

*Any electives the student finds interesting

**SUGGESTED COURSES FOR STUDENTS WHO ARE ON A COLLEGE/HONORS
TRACK BUT NOT PARTICIPATING IN COLLEGE CREDIT PLUS**

12TH GRADE YEAR

English: **British Literature**

College Writing

Math: **Algebra II**

Geometry

Honors Advanced Math w/Trigonometry

Statistics

College Math

Science: **Intro to Chemistry**

Intro to Physics

Honors Human Anatomy & Physiology

Honors Advanced Biology

Honors Zoology

S.S.: **Government**-If not taken previously

Economics-If not taken previously

Honors Sociology

Principles of Psychology

*Any electives the student finds interesting