

Lafayette High School

Course Directory

2018-2019



One School
One Family
One Community
UNITED

Completing the Subject Choice Card

Lafayette is on the Alternating Day—Block Schedule System (A day and B day). In order to have a complete schedule, each student should choose 8 courses.

Most classes are full-year courses. However, some elective courses are only 1 semester, so you must choose two 1-semester courses to have a complete schedule. Below is a portion of a sample schedule card that has been completed.

Please list two (2) alternate elective classes in case some of your selections cannot, for some reason, be scheduled.

Course number	Course title		Teacher's Initials
	English		
230107.1367	English 1		
230107.1382	Adv English 1	✓	AW
	English Electives		
500511.3930	Introduction to Theatre	✓	
230402.2014	Adv Writing 101	✓	SM
230140.1992	Science Fiction Literature (1st sem.)	✓	
230140.3980	World Mythology (2nd sem.)	✓	

Definition of Terms in the Course Directory

Prerequisites - Courses that must be successfully completed before the student is eligible to take a desired course are called “prerequisites”; they are listed at the end of each course description. Each prerequisite should be considered carefully to determine eligibility to take the course.

Advanced Placement - An Advanced Placement (AP) course is one using guidelines approved by The College Board with the expectation that students taking the Advanced Placement Exam will earn possible college credit. These courses are weighted when calculating rank in class and grade point average.

Advanced Courses - Some courses are taught at an advanced level and are weighted (in Grade Point Average calculation) as well.

Required Courses - Required courses are those specific courses required for graduation by the Kentucky Board of Education.

Elective Courses - Courses in which the student's choice can be exercised, but which may count toward graduation, are called "electives."

Grade level requirement - There are some courses throughout this Course Directory that are available to certain grade levels. Those courses have those grade levels identified. If there is no grade level specified, the course is available for grades 9-12.

Credit - Typically, 1/2 credit is earned each semester per course successfully passed.

Grading Scales - The following the grading scales used at Lafayette:

Main grading scale: A = 100-92 • B = 91-83 • C = 82-74 • D = 73-65 • F = 64-0

Dual Credit grading scale: A = 100-90 • B = 89-80 • C = 79-70 • D = 69-60 • F = 59-0

Quality Points - The following points are awarded and used in determining Grade Point Average (GPA) and class rank:

A = 4 • B = 3 • C = 2 • D = 1 • F = 0

Advanced, AP and Dual Credit courses use a weighted point value in determining GPA and class rank. They are as follows:

A = 5 • B = 4 • C = 3 • D = 2 • F = 0

Promotion Requirements

Class	Credits to earn
9 th grade to 10 th grade	6
10 th grade to 11 th grade	12
11 th grade to 12 th grade	18
To Graduate	26

The following page illustrates the specific courses that are required for graduation. As will be seen, there are electives required, which afford students the opportunity for choice in course selection.

Phase Level – To determine the level of difficulty in courses, look at the course title. Courses that are advanced have "Adv" or "Advanced" in the title. Courses which are Advanced Placement (or college paced) have "AP" in the title.

Lafayette Minimum Graduation Requirements

SUBJECT	CREDITS	COURSES
English	4	English 1, 2, 3, 4
Mathematics	3	Algebra 1, Geometry, Algebra 2
Science	3	Integrated Sci. 1, Biology, Integrated Sci. 2
Social Studies	3	Adv Government, Adv World Civilizations, U.S. History
Health & PE	1	Health & Physical Education
Arts & Humanities	1	VPA (or 3 arts courses in same discipline)
Electives	11	Student choice
Totals	26	

Pre-College Recommendations for State Supported Public Universities

SUBJECT	CREDITS	COURSES
English	4	English 1, 2, 3, 4
Mathematics	3	Algebra 1, Geometry, Algebra 2
Science	3	Intro Physics E/Space, Biology, Chemistry
Social Studies	3	Adv Government, Adv World Civilizations, U.S. History
Health & PE	1	Health & Physical Education
Arts & Humanities	1	VPA (or 3 arts courses in same discipline)
World Language	2	French, Japanese or Spanish
Electives	9	Student choice
Totals	26	

Pre-College Recommendations for Selective Colleges

SUBJECT	CREDITS	COURSES
English	4	Advanced or AP
Mathematics	4	Advanced or AP
Science	4	Advanced or AP
Social Studies	3–4	Advanced or AP
Health & PE	1	Health & Physical Education
Arts & Humanities	1	Advanced (or 3 arts courses in same discipline)
World Language	4	Advanced or AP
Electives	3–4	Student choice
Totals	26	

Possible High School Schedule Scenarios

Minimum Graduation Requirements

9th grade	10th grade	11th grade	12th grade
English 1	English 2	English 3	English 4
Algebra 1	Geometry	Algebra 2	Math course
Integrated Science 1	Biology	Integrated Science 2	Elective
Adv Government	Adv World Civ.	U.S. History	Elective
Elective	Health & PE	Adv Vis./Perf. Arts	Elective
Elective	Elective	Elective	Elective
Elective	Elective	Elective	Elective
Elective	Elective	Elective	Elective

Minimum Pre-College Requirements

9th grade	10th grade	11th grade	12th grade
English 1	English 2	English 3	English 4
Alg. 1 / Adv Geom.	Geometry / Alg. 2	Alg. 2/Alg. 3 /PreCal.	PreCal. or Calc. 1
Intro Physics E/Space	Biology	Chemistry	Physics
Adv Government	Adv World Civ.	Adv U.S. History	Elective
World Language	World Language	Adv Vis./Perf. Arts	Elective
Elective	Health & PE	Elective	Elective
Elective	Elective	Elective	Elective
Elective	Elective	Elective	Elective

Accelerated Pre-College Curriculum

9th grade	10th grade	11th grade	12th grade
Adv English 1	Adv English 2	AP English Language	AP Eng. Lit./Dual Cr.
Adv Geometry	Adv Alg. 2 / Adv PreCal.	Adv PreCal. or Adv Calc. 1	AP Calc. AB or BC / AP Statistics
Adv Intro Physics E/Space	Adv Biology	Adv Chemistry	Adv or AP Physics / AP Bio. / AP Chem.
Adv Government	Adv/AP World Civ.	Adv/AP U.S. History	Adv/AP elective
World Language	World Language	Adv World Language	Adv/AP World Lang.
Elective	Health & PE	Adv Vis./Perf. Arts	Elective
Elective	Elective	Elective	Elective
Elective	Elective	Elective	Elective

ART

Note: Students may be required to purchase additional supplies for ALL art courses.

Art 1

Credit: 1

This course is designed to teach the principles and elements of design and basic drawing skills. A variety of drawing skills will be experienced with emphasis on line, shape, form, color, value and texture; introduction to painting media and simple printmaking processes; introduction to three-dimensional art and crafts. Additional fee: \$25. **Note: This is an introductory level course which serves as a prerequisite for most other art courses.**

Crafts

10th-12th

Credit: 1

This course is designed to acquaint the student with many materials. Projects may include crocheting, knitting, cross-stitch, weaving, mosaics, papier-mâché, basketry and jewelry making. Additional fee: \$30.

Drawing 1

10th-12th

Credit: 1

This course is designed to teach basic drawing skills, and to develop a sensitivity to line, space, form, texture, color and shape. Various methods and media will be explored. Additional fee: \$25.

Drawing 2

11th-12th

Credit: 1

This course is designed for the student who has developed the basic drawing skills taught in Drawing 1. Emphasis is directed toward a better understanding of individual drawing styles through diversified approaches. Prerequisite: Drawing 1. Additional fee: \$25.

Painting 1

10th-12th

Credit: 1

The student will develop techniques required in painting media. Students will be involved with color theory as it applies to the painting processes (oil/acrylic). Functions of known artists' works, schools and styles will be explored with an emphasis on experimentation with the media. Additional fee: \$35.

Painting 2

11th-12th

Credit: 1

Advanced methods and techniques of painting using technical, decorative, communicative and expressive natures of painting will be explored. Prerequisite: Painting 1. Additional fee: \$35.

Beginning Pottery

10th-12th

Credit: 1

This course is designed to introduce the student to the medium of clay and methods of clay construction, development of skills in forming and finishing. Emphasis will be placed on hand-forming methods of pinch, coil and slab techniques. Additional fee: \$35.

Pottery 2

11th-12th

Credit: 1

This course is designed for the student who has previous knowledge of skills and techniques used in hand-built and wheel-thrown pottery. Emphasis will be on historical and contemporary ceramics and use of personal concepts. Prerequisite: Beginning Pottery. Additional fee: \$35.

Sculpture**10th-12th****Credit: 1**

This course will provide students with the opportunity to learn to express their ideas in three-dimensional form, thus creating an awareness of form and space. A variety of sculpture media for both additive and subtractive methods will be explored. Students will use sculptural materials that lend themselves to be modeled, constructed, carved or chiseled. Additional fee: \$35.

Digital Imaging (fka: Digital Photo Illustration)**Credit: 1**

In this course, students will learn photography as a tool and an art form. Concepts learned will include: the history of photography, the photographic process, camera techniques, composing and taking photographs, elements of good photographic design, digitally-produced special effects and presentation of work. Technical skills will be taught in conjunction with the creative process. There is also an opportunity to investigate careers in the field of photography. Required: Flash drive (8 GB). Additional fee: \$35.

Introduction to Media Arts (fka: Computer Assisted Art)**Credit: 1**

This course will create a more dynamic art student who is better prepared to enter graphic art colleges and careers. Students will use type and image to create meaning. Students will learn to use Photoshop to inform, persuade and educate target populations. Through the use of animations, business logos, magazine layouts, CD jackets, etc., students will create images from the perspective of the visual artist. Additional fee: \$25.

Two-Dimensional Media Design (fka: CPU Art 2)**10th-12th****Credit: 1**

This course will continue to build upon what students learned in Computer Assisted Art through the use of Adobe CS4. Students will create animations and fine art pieces to build a portfolio for college admittance and work applications. Prerequisite: CPU Art. Additional fee: \$25.

Advanced Production Design (fka: CPU Art 3)**11th-12th****Credit: 1**

Building upon skills and knowledge from Computer Assisted Art 2, this course will focus on honing graphic art skills so the successful student is qualified to enter the work force, university or school of design in this field. Prerequisite: CPU Art 2. Additional fee: \$25.

AP Studio Art**12th****Credit: 1**

This is a special college-level course that takes a full academic year. It is challenging and stimulating and, compared to other high school art courses, often takes more commitment, requires more work, gives greater opportunity for individual progress and accomplishment and explores subjects in greater depth. Prerequisite: consent of instructor. Additional fee: \$100.

Arts & Humanities

Advanced Visual & Performing Arts**11th-12th****Credit: 1**

Students will study the cultural and historical significance of art, music, dance, theatre and architecture. The course content includes a study of the evolution of these art forms and is designed to broaden student appreciation of the role of the arts in human culture. This course fulfills the graduation requirements for the Arts and Humanities as outlined in the Kentucky High School Program of Studies. Additional fee: \$5.

BUSINESS & MARKETING

Accounting & Finance Foundations **10th-12th** **Credit: 1**

This full-year course will provide a study of the principles of accounting. Students will develop skills in payroll records, taxes and reports, special journals, depreciation, notes and interest, inventory control and corporate reports. Automated accounting concepts will be introduced.

Advanced Accounting **10th-12th** **Credit: 1**

This course is designed for students who might be interested in majoring in Accounting, or business, in college. It could also be beneficial to someone who wants to start their own business after graduation, or sometime in the future. The focus will be on how a business runs on a daily basis. A natural ability in math is helpful. Prerequisite: successful completion of Algebra 1.

Advertising & Promotions **10th-12th** **Credit: 1**

Designed as a “hands-on” course, students enrolled will learn techniques to advertise and promote goods and services in general. Specifically, students will market Lafayette events throughout the year. While working with individual teachers, club sponsors, athletic director and the local iHigh sports marketing company, students will plan and implement marketing concepts for the entire Lafayette community. Prerequisite: successful completion of Principles of Marketing or Sports & Event Marketing.

AP Macroeconomics/AP Microeconomics **10th-12th** **Credit: 1**

This course provides the opportunity for students learn about the principles of economics that apply to the economic system as a whole (Macro) as well as to the individual consumers (Micro). Students will study the functions of product markets as well as factor markets. They will also learn about economic growth and international economics. Students have the opportunity to take the AP Macro- and Microeconomics exams and earn possible college credit.

Business Law **10th-12th** **Credit: 1**

This course develops an understanding of legal rights and responsibilities in personal and business law. Typical units are courts/court procedures, oral/written contracts, consumer protection, employee/employer relationships. The course will equip a student to recognize legal problems, prevent problems when possible and utilize professional counsel.

Business Principles & Applications **Credit: 1**

This full-year course will provide a basic foundation for further study in business and marketing classes. It will offer experiences in all phases of money management and using the services of financial institutions. Automobile insurance, home insurance, life insurance, social security and the tax system will be covered.

Digital Literacy **Credit: 1**

The student will utilize computer applications and develop “touch” keyboarding skills, proper techniques, speed and accuracy in keyboarding for professional and personal use. Course content includes word processing, spreadsheets, desktop management and electronic communication.

Financial Literacy **Credit: 1**

This course is designed to provide students with the knowledge and skills to manage one’s financial resources effectively for lifetime financial security. Dave Ramsey’s *Foundations in Personal Finance* is utilized throughout the year. Topics include savings, investment options and retirement planning, wealth building and college savings, dangers of debt, consumer awareness, bargain shopping, budgeting, credit and consumer rights. Leadership development will be provided through Distributive Education Club of America (DECA).

Microsoft Office**10th-12th****Credit: 1**

As an extension of Digital Literacy, students will have the opportunity to increase their computer skills. Advanced functions and integration of Microsoft Word, Excel, Access, and PowerPoint will be taught. Students will work toward **MOS/MCAS Certification** in one or more of these Microsoft areas. In addition, students will utilize Internet access to complete various projects. Prerequisite: Digital Literacy.

Multimedia Publishing**10th-12th****Credit: 1**

This course is an introduction to photographic principles, photojournalism and digital photography. Photography assignments, lectures and digital lab work are designed to give students a working knowledge and application of the challenges of photography. Training will be on SLR cameras in order for students to become familiar with shutter speeds, ISO ratings, lighting ratios, etc. Suggested, but not required, is a digital SLR camera. Additional fee: \$30.

Advanced Marketing**10th-12th****Credit: 1**

This “school store” course is designed as an in-depth study of merchandising techniques and management skills. This course is based on the business and marketing core that includes communication skills, economics, operations, professional development, promotion, selling, distribution and product/service management. Leadership development will be provided through DECA activities and competitive events. Prerequisite: successful completion of any business course. For successive years, students must successfully complete the prior year’s Retail Marketing course.

Principles of Marketing**Credit: 1**

Students will study the development of products and then explore what occurs in the marketplace by studying purchasing, pricing and distribution functions. Decision-making and problem-solving skills are involved in most units. The employment skills learned will improve and increase the chance for successful transition into the world of work. This course, or Sports & Event Marketing, qualifies students for Marketing Education Co-Op as a senior.

Sports & Event Marketing**Credit: 1**

Students will study the marketing of any number of consumer products and services through the utilization of the sports enterprise. Students will understand concepts and strategies needed to communicate information about products and services to achieve maximum return and meet customers’ expectations. Students will learn the economic principles and concepts fundamental to marketing within a sports context. This course, or Principles of Marketing, qualifies students for Marketing Education Co-Op as a senior.

Business Education Co-Op**12th****Credit: 3-5**

This senior year course **requires** a student to work in a paid business position for a minimum of fifteen hours per week (no home-based work). The work is supervised by a coordinating teacher. In addition, the student is enrolled in a one-block Business class. Prerequisite: any of several business courses; see your current business teacher for details. Additional fee: \$15. **Note: Only one credit of Co-Op may be used for KEES Scholarship purposes. Therefore, four other classes must be scheduled, including the morning Retail Marketing Management class, to earn at least 5 total credits for KEES qualification.**

Marketing Education Co-Op**12th****Credit: 3-5**

This senior year course **requires** a student to work in a paid retailing position for a minimum of fifteen hours per week (no home-based work). The work is supervised by a coordinating teacher. In addition, the student is enrolled in a one-block Retail Marketing Management class. It is designed to enhance marketing skills developed in the marketing prerequisite courses and to learn advanced marketing skills in such areas as advertising, customer service, supervision, and employee/employer relations for a wide range of marketing careers. It is based on the business and marketing core that includes communication skills, emotional intelligence, economics, marketing, operations, promotion, marketing-information management and financial analysis. Leadership development will be provided through DECA activities and competitive events. Prerequisite: Principles of Marketing **or** Sports & Event Marketing. Additional fee: \$15. **Note: Only one credit of Co-Op may be used for KEES Scholarship purposes. Therefore, four other classes must be scheduled, including the morning Retail Marketing Management class, to earn at least 5 total credits for KEES qualification.**

Web Page Design**10th-12th****Credit: 1**

In this course, students will learn how to develop and maintain interesting, useful and educational web sites. Many software applications will be used to develop/maintain the sites. Strong communication and presentation skills will be developed as students help maintain the school web presence. Students will gain the skills necessary to plan, create and maintain an interactive website.

ENGLISH

English 1**9th****Credit: 1**

The course integrates composition, literature and language studies, incorporates abstract thinking, creative problem solving and other higher-level reasoning skills. A critical study of literary style is also covered.

English 2**10th****Credit: 1**

An integrated study of literature, composition and language will also incorporate effective oral and written communication studies. Narrative, descriptive, analytical and expository writing will be prepared and vocabulary expanded. Discussion and problem solving will also be included. The second semester final exam is an End-of-Course state assessment.

English 3**11th****Credit:**

Literature, composition and language will be studied in an integrated process to develop better comprehension and application skills. Oral and written activities will be emphasized as a means of learning. Critical and analytical perspectives will be examined in relation to the material studied.

AP English Language & Composition**11th****Credit: 1**

Comparable to a college composition class, this course provides training for the skilled reading of prose written in a variety of periods and rhetorical contexts. Both reading and writing are used to illuminate the interaction between author's purpose, audience needs, the subject itself, generic conventions, syntax, word choice and tone. This course is a preparation for the Advanced Placement English Language & Composition Examination.

English 4**12th****Credit: 1**

Literature, composition and language will be studied in an integrated process to strengthen and prepare students for college-ready status. Writing to learn and flexibility in writing will be emphasized as students respond to literature, adjust purposes and consider varied audiences. Abstract thinking and creative problem-solving with an analytical focus will prepare students to communicate with others in academic-world and real-world settings. Over the course of the year, students will be given opportunities to improve these skills in preparation for higher education.

This course provides for a careful reading of literary works for the purposes of developing critical standards for the independent sensitivity to literature as shared experience. The individual work, its structure, meaning and value are studied. The study and practice of writing will be included and textual, critical and interpretive responses to literature will be required. The course is a preparation for the Advanced Placement English Literature & Composition Examination.

English 101 Dual Credit

12th

Credit: .5

This course fulfills the 1st semester of the English 4 course requirement, as well as the first semester of college English. It focuses on academic writing and provides instruction in drafting and revising essays that express ideas in Standard English, including reading critically, thinking logically, responding to texts, addressing specific audiences and researching and documenting sources. It also includes a review of grammar, mechanics and usage. A completed Bluegrass Community & Technical College application, transcript and ACT English score of at least 18 **and** Reading score of at least 20 (or qualifying Wonderlic scores) are required. This course is paired with English 102. **Note: there might be a BCTC fee required to take this course.**

English 102 Dual Credit

12th

Credit: .5

This course fulfills the 2nd semester of the English 4 course requirement, as well as the second semester of college English. It emphasizes argumentative writing and provides further instruction in drafting and systematically revising essays that express ideas in Standard English. Additionally, it includes continued instruction in and practice in reading critically, thinking logically, responding to texts, addressing specific audiences and researching and documenting credible academic sources. A completed BCTC application, transcript and ACT English score of at least 18 **and** Reading score of at least 20 (or qualifying Wonderlic scores) are required. Prerequisite: English 101. **Note: there might be a BCTC fee required to take this course.**

English Electives

Advanced African American Literature

Credit: 1

Students will explore the complicated history and progress of African American literature and analyze the craft of major African American writers to develop and strengthen skills in reading, writing and critical thought with literature.

Advanced Speech

Credit: 1

This course explores a wide variety and range of public speaking skills including: extemporaneous speaking, original oratory, oral interpretation and storytelling. Students will sharpen research, questioning and rebuttal skills. Students will analyze pieces of literature, create and deliver orations, write arguments and evaluate performances. There is also the opportunity to participate in Speech and Debate competitions via the Lafayette Speech and Debate Team.

Advanced Writing 101

Credit: 1

This is a writing workshop course. Students will explore various styles of writing by reading and writing poetry, short stories, vignettes and essays. Further, students will participate in Genius Hour to develop their own writing skills by creating an inquiry question to explore throughout the year. Genius Hour allows students to explore their own passions and encourages creativity while providing students a choice in what they learn during school. In the past, students' Genius Hour work has included learning to write a novel, starting a blog, writing and filming a movie.

AP Art History**11th-12th****Credit: 1**

AP Art History is an in-depth, chronological survey of painting, photography, architecture and sculpture within the Western tradition along with selected works from a variety of cultures beyond the European tradition. Formal and contextual analyses are the primary skills which will move students toward masterful discussion and understanding of the visual arts. This course will prepare students for the Advanced Placement Art History exam. Additional fee: \$10.

Science Fiction Literature**Credit: .5**

A course for students with active imaginations, who are interested in role-playing activities, visions of the future with all of the predictions that have come to pass, and science and technology and its role in literature. This course is paired with World Mythology.

World Mythology**Credit: .5**

This course will review world mythology and its influence on civilization as evidenced through numerous pieces of literature. Composition will include analysis, comparison and explication as well as other types. This course is paired with Science Fiction Literature.

Introduction to Theatre**Credit: 1**

In this highly participatory and performance based class students will be introduced to theatre performance elements including ensemble building, body, voice, improvisation, musical theatre, and character development. Students will perform devised work and scenes in their performance based finals. Additional fee: \$40.

Theatre 2: Acting Techniques**10th-12th****Credit: 1**

This highly participatory and performance based second year course offers serious drama students an opportunity to focus on acting techniques. Studying theorists such as Stella Adler, Anne Bogart, Uta Hagen, Stanford Meisner, Lee Strasberg, Viola Spolin, and Constantin Stanislavski. Students will create, perform, and respond in units on Puppetry and Augusto Boal's theatre for social change and they will devise site-responsive pieces and perform 10 minute plays. Prerequisite: successful completion of Introduction to Theatre. Additional fee: \$30.

Theatre 3: Theatre History & Theorists**11th-12th****Credit: 1**

In this interactive and practical third year course students will explore theatre history, and dramatic literature from Greek Theatre through Contemporary Drama in a performance based curriculum. This class will survey theatre history and cultures across the world including Greek, Renaissance, Shakespeare, Asian, Early 20th Century, Golden age of Musicals, Modern, Broadway and Contemporary. Students will gain an understanding of theatre and its impact on our world and culture. Students will perform a one act play and various devised works. Prerequisites: successful completion of Introduction to Theatre and Theatre 2 with an A or B and instructor's approval. Additional fee: \$30.

Advanced Theatre 4: Directing & Devising**12th****Credit: 1**

In this highly participatory fourth year advanced course students will focus on directing and devising pieces of theatre. Students will explore the directing process from concept/theme through script analysis and staging. Students will direct dynamic scenes from classic and contemporary plays that will be fully mounted at the end of the semester. Students will learn the principles of devising and generate their own work based on themes, ideas, and concepts of their own artistic interests. Work will create a showcase at the end of each semester. Prerequisites: successful completion of Introduction to Theatre, Theatre 2 and Theatre 3 with an A or B and instructor's approval. Additional fee: \$30.

Advanced Technical Theatre & Design**10th-12th****Credit: 1**

In this hands on advanced course, students will begin to work as designers and technical directors. Students will take a play from script to completion as part of a team of theatre artists collaborating together. Students will be responsible for designing the set, lights, props, costumes, and sound for all LHS theatre and class productions. Additional fee: \$40.

Journalism**Credit: 1**

This course offers extended, in depth experiences in journalism. Language arts skills will be used to write news articles, feature articles, and opinion pieces on school sports, clubs, events, student achievements and student issues. Topics of study will include: journalistic writing and production, copy editing, headline and lead writing, story planning, journalistic research, interviewing, marketing and sales strategies, photography, and electronic layout and design. Students will publish their writing on *The Ledger* website. Additional fee: \$25.

Yearbook**10th-12th****Credit: 1**

This course covers all aspects of producing a yearbook, including the following special emphases: marketing (selling \$300 of business/recognition advertisements, assisting with book promotion and sales), journalistic writing, photography, real-world communication (via email, meetings, etc.) and principles of layout design and web-based publication. An ideal yearbook student is confident, independent, comfortable talking to others and forward thinking. Students are **required** to go to places of business for ad sales, attend school functions and meet deadlines. General language skills will be refined and the techniques of yearbook production will be practiced with the yearbook as the final project. **Application required.**

ENGLISH LANGUAGE LEARNERS

English Language Learner (ELL) courses are provided for all non-English speaking students, grades nine through twelve, with the exception of foreign exchange students. Students who qualify for the ELL program are identified through the Home Language Survey and English proficiency testing which is done at IAKSS. The goal of the program is to help English language learners achieve a level of proficiency in English which will allow them to be successful in mainstream classes. The ELL program includes classes in English, reading and social studies.

Experience Based Career Education (EBCE)

12th**Credit: 2-4**

Academic Internships through the EBCE program are designed to utilize the entire community as a classroom. Seniors are provided opportunities to observe, study and apply academic skills in a variety of businesses and industries, as well as public and private agencies. While spending two or more hours a day in the internship program, a student can earn 2-4 academic credits. Students select their own internship experiences from a list of over 1,000 established community sites. The internship Advisor assists the student in examining personal interests, abilities, aptitudes and relating them to career opportunities. The *Community Service* course is an option should seniors not be accepted into the EBCE program. **Note: Only one credit of EBCE, or Community Service, may be used for KEES Scholarship purposes. Therefore, four other classes must be scheduled to earn at least 5 total credits for KEES qualification.**

FAMILY & CONSUMER SCIENCE

Life Skill Essentials

9th-10th

Credit: 1

This comprehensive course provides an opportunity for acquiring basic life skills and allows students to select specific areas for concentrated study. Emphasis is on work and family, adolescent development, selection and care of clothing, consumer spending, housing choices, challenges of child rearing and guidance in establishing relationships. Leadership development will be provided through the Family, Career and Community Leaders of America (FCCLA). Additional fee: \$30.

Money Skills

Credit: 1

This course is designed to prepare students to understand and use sound financial management skills and practices contributing to financial stability, improving the quality of life for individuals and families. Decision making, problem solving, goal setting and using technology are integrated throughout the content. Areas of study will include stock markets, bonds, futures, commodities, among others topics.

Foods & Nutrition

10th-12th

Credit: 1

Gourmet foods will be emphasized in this course covering a wide variety of cooking techniques through demonstration and foods lab experience. Emphasis will be given to methods of making food appetizing and attractive such as garnishing.

Culinary Arts 1

10th-12th

Credit: 1

This advanced course allows students to increase competencies in a variety of food preparation techniques. Emphasis will be placed on food presentation, garnishing, menu planning and the skills necessary to prepare for a career in the culinary arts profession. Prerequisite: Foods & Nutrition. Additional fee: \$30 per semester.

Culinary Arts 2

11th-12th

Credit: 1

In this course, students resume progress in pursuing competencies in food production and services. Development of food preparation skills are reinforced. Food service management functions are introduced. More in-depth information is provided and higher levels of skills are taught. Time is provided for work based learning opportunities and competition through the Pro Start program. Leadership development will be provided through the Family, Career and Community Leaders of America. Prerequisite: Culinary Arts 1. Additional fee: \$30 per semester.

Culinary Arts Co-Op

12th

Credit: 4

This fill year course **requires** students to work in a paid Culinary Arts position for a minimum of fifteen hours per week. The field site work is supervised by a coordinating teacher. Prerequisite: Advanced Foods & Nutrition. **Note: Only one credit of Co-Op may be used for KEES Scholarship purposes. Therefore, four other classes must be scheduled to earn at least 5 total credits for KEES qualification.**

Culinary Arts Internship

12th

Credit: 1-4

In this course, students resume progress in pursuing competencies in food production and services. Orientation to the food service industry and development of food preparation skills are reinforced. Food service management functions are introduced. More in-depth information is provided and higher levels of skills are taught. Time is provided for work based learning opportunities. **Note: Only one credit of Internship may be used for KEES Scholarship purposes. Therefore, four other classes must be scheduled to earn at least 5 total credits for KEES qualification.**

Fashion & Interior Design 1 & 2**10th-12th****Credit: 1**

These courses provide opportunities for students to develop career competencies in the fashion and/or interiors industry by applying information related to social, economic and media influences. Students apply knowledge of design principles and processes through skill performance activities. Work experience will be explored. Prerequisite for Fashion & Interior Design 2 is Fashion & Interior Design 1. Additional fee: \$30.

Fashion & Interior Design Co-Op**12th****Credit: 4**

This full-year course **requires** students to work in a paid Fashion & Interior Design position for a minimum of fifteen hours per week. The field site work is supervised by a coordinating teacher. **Note: Only one credit of Co-Op may be used for KEES Scholarship purposes. Therefore, four other classes must be scheduled to earn at least 5 total credits for KEES qualification.**

Early Lifespan Development**Credit: 1**

Students will have the opportunity to study the social, emotional, physical and mental development of the preschool child. Through work with preschool children in a playschool setting, students will gain experiences in planning and implementing creative activities, practicing positive guidance techniques and observing children's behavior. Additional fee: \$30.

Parenting**10th-12th****Credit: 1**

This course is designed to aid students in developing parenting and care-giving skills. Major topics include becoming an informed parent, understanding prenatal development, caring for the newborn among others. This course is part of the Early Childhood Education pathway.

Learning Community**11th-12th****Credit: 1**

In this course students develop an understanding of the various responsibilities and systems involved in the K-12 educational system. Specifically, students will acquire the knowledge of education through the perspectives of classroom, school, district, state, and federal roles. Students are embedded in observational and small group or individual teaching settings. They engage with students and schools to better understand how elements within the system relate and interact and the impact on students. Prerequisites: Child Development Services and either Early Lifespan Development or Parenting.

Child Development Services 1**11th-12th****Credit: 2**

This full-year course **requires** training for entry-level positions in day care centers, nurseries, kindergartens and private homes. Students study careers in child development, child development and guidance, children's health and well-being in group care, value of play, teaching strategies and management and curriculum development. The subject content is reinforced with work experience in a variety of childcare settings. Students work with preschool children at Lafayette. Prerequisite: Early Lifespan Development. This course meets for two blocks every other day.

Early Childhood Education Co-Op**12th****Credit: 4**

This full-year course **requires** students to work in a paid child development position for a minimum of fifteen hours per week. The field site work is supervised by a coordinating teacher. **Note: Only one credit of Co-Op may be used for KEES Scholarship purposes. Therefore, four other classes must be scheduled to earn at least 5 total credits for KEES qualification.**

HEALTH/PHYSICAL EDUCATION

Controlling Stress 1

Credit: 1

This course will examine the relationship between body and breath as it relates to our overall state of wellness. Students will practice yoga and mindfulness, effective communication and complete journal entries. Guest speakers will share their perspective on various stress reduction modalities. **This course is an elective; it does not count for the required Physical Education course.**

Fitness & Weight Management

9th

Credit: 1

In this course students will begin by assessing their current physical condition. With the instructor's assistance, students will set realistic goals to reach personal health-related objectives. Students will learn about exercise, conditioning and basic concepts of fitness. They will also participate in a variety of physical activities which will contribute to their fitness. **This course is an elective; it does not count for the required Physical Education course.**

Health Education

10th

Credit: .5

This course will involve discussing the topics of mental health, drugs, alcohol and tobacco, sex education, sexually transmitted diseases, infectious diseases, safety and first aid, cardiopulmonary resuscitation (CPR), nutrition, consumer health and non-infectious diseases.

Physical Education

10th

Credit: .5

This course will involve the teaching of lifetime leisure sports, individual sports and team sports. Skills learned will be reinforced and advanced skills will be introduced.

Physical Education 2

11th-12th

Credit: 1

In this course, students will study information that will assist them for the rest of their lives. One of the leading issues that faces our community, and nation, is obesity. Students will combat the statistic that puts Kentucky as one of the leading states in obesity and other sedentary lifestyle diseases. Students will have the opportunity to receive all of the benefits that come from regular activity. Prerequisite: PE and Health.

Conditioning for Men / Women

11th-12th

Credit: 1

These courses offer students the opportunity to improve their overall fitness through conditioning techniques to prevent, or reduce, overweight and obesity trends. Students will write fitness and nutrition plans which can then be applied to their everyday lives. Note: sections split by gender. Women's section to be placed in the last block of the day.

MATHEMATICS

Three credits in mathematics are required for graduation. **Note: The Kentucky Department of Education requires that students must have Algebra 1, Geometry, and Algebra 2 to graduate and must take a math class each year of high school.**

Algebra 1

Credit: 1

This course is designed for students who are proficient in basic mathematics and have mastered pre-algebra skills. The objective of Algebra 1 is to develop skills in algebraic manipulation and to give students an understanding of algebra by emphasizing concepts, structure and applications.

Geometry**Credit: 1**

Emphasis is placed on discovery, proof and realistic applications of geometric relationships and principles. Topics will include constructions, inductive and deductive reasoning, points, lines, planes, angles, triangles, planar figures, similarity and congruence, circles, geometric solids, area, volume, locus, coordinate geometry and transformation. Prerequisite: Algebra 1.

Algebra 2**Credit: 1**

In addition to expanding on the mathematical concepts of Algebra 1 and Geometry, emphasis will be placed on preparation for study of higher mathematics - abstract thinking skills, the function concept and the algebraic solution of problems in various content areas. The second semester final exam is an End-of-Course state assessment. Prerequisites: Algebra 1 and Geometry.

Algebra 3 / Trigonometry**Credit: 1**

This course is intended for students who may be required to take a specialized calculus course in college. Topics may include, but are not limited to, relations and functions, complex numbers, matrices, vectors, sequences, series and probability. Prerequisites: Geometry or Advanced Geometry; Algebra 2 or Advanced Algebra 2.

Advanced Pre-Calculus**Credit: 1**

This course is intended for students who plan to take a regular calculus course in high school or college. The course covers topics traditionally taught in trigonometry and analytic geometry plus additional functions, e.g., circular, polynomial, absolute value and natural number (sequences and series). Students intending to enroll in this course should have at least a B in all prior mathematics courses. Prerequisites: Advanced Geometry and Advanced Algebra 2; Algebra 3.

Probability & Statistics**12th****Credit: 1**

Probability and Statistics is a 4th year math course for those seniors who have met math benchmark. It is designed to introduce the methods used in the field of applied statistics. Emphasis is given to basic concepts and techniques for collecting and analyzing data, calculating probabilities, establishing mathematical models for making predictions and conducting formal statistical inference based on sample data. Prerequisite: successful completion of Algebra 2.

College Prep Math**12th****Credit: 1**

This course is for students who need additional time and support to complete the 4th year math requirement for graduation or who have not met the mathematics benchmark ACT score, set by the Kentucky Council on Postsecondary Education. It addresses the Kentucky high school core academic standards for mathematics and the ACT's college readiness standards, with a strong emphasis on real world connections and/or connections with other disciplines of study. It does not fulfill the NCAA Eligibility Center criteria for student athletes in NCAA Division I and II member colleges and universities.

Advanced Calculus 1**11th-12th****Credit: 1**

This course is designed for accelerated students who have successfully completed Adv Pre-Calculus. This course covers the material usually taught in differential and integral calculus. Prerequisite: Algebra 3 or Adv Pre-Calculus.

AP Calculus AB and BC**11th-12th****Credit: 1 each**

These are Advanced Placement courses covering the material usually taught in differential and integral calculus. Students who complete the course may: 1) take the Advanced Placement exam in Calculus, or 2) take the University of Kentucky by-pass exam if they are also interested in earning college credit. Students intending to enroll in this course should have at least a B in all prior mathematics courses. Prerequisite: Advanced Pre-Calculus.

AP Statistics**11th-12th****Credit: 1**

The course will include the study of distributions, relations in categorical data, random variables, use and abuse of tests and inference for linear regression. Students intending to enroll in this course should have at least a B in all prior mathematics courses. Prerequisite: Adv Pre-Calculus.

Math 111 (UK) Dual Credit**12th****Credit: .5**

This course is an introduction to concepts and applications of mathematics, with examples drawn from such areas as voting methods, apportionment, consumer finance, graph theory, tilings, polyhedral, number theory and game theory. A completed UK application, transcript, ACT math score of 19 are required. This course does **not** fulfill the NCAA Eligibility Center criteria for student athletes in NCAA Division I and II member colleges and universities. Recommended: successful completion of Alg 2. **Note: there might be a UK fee required to take this course.**

Math 150 (BCTC) / Math 109 (UK) Dual Credit**12th****Credit: .5**

This course covers selected topics in algebra including a brief review of basic algebra, quadratic formula, systems of linear equations, introduction to functions and graphing. Students must have already satisfactorily completed two years of high school Algebra. Also, a completed BCTC (or UK) application, transcript, ACT math score of 22 (or qualifying Wonderlic scores) are required. Math 150 (BCTC) **does** fulfill the NCAA Eligibility Center criteria for student athletes in NCAA Division I and II member colleges and universities. Recommended: successful completion of Adv Pre-Calculus. **Note: there might be a BCTC or UK fee required to take this course.**

Math 170 (BCTC) Dual Credit**12th****Credit: .5**

This course covers an introduction to differential and integral calculus, with applications to business and the biological and physical sciences. Students must have already satisfactorily completed two years of high school Algebra. Also, a completed BCTC application, transcript, ACT math score of 22 (or qualifying Wonderlic scores) are required. Math 170 (BCTC) **does** fulfill the NCAA Eligibility Center criteria for student athletes in NCAA Division I and II member colleges and universities. Recommended: successful completion of Adv Pre-Calculus. **Note: there might be a BCTC fee required to take this course.**

Computer Science

Introduction to Programming**9th-11th****Credit: 1**

This course is intended to be an introductory course in programming. The content will be the basic syntax of programming language as well as control statements and loops. The emphasis will be on learning to write structured, readable and user friendly programs in QBASIC. Prerequisite: completion of Algebra 1 with a C or better.

JAVA Programming 1**10th-12th****Credit: 1**

This course is intended to take students beyond the basics acquired in the introductory course and prepare them for further involvement in programming. The content will include the basics of object-oriented programming such as writing classes and methods. The emphasis will be on writing efficient programs using concepts learned and preparing students to take AP Computer Science A. Java will be the main programming language used. Prerequisite: completion of Programming with a B or better.

AP Computer Science Principles**9th-12th****Credit: 1**

This course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles also gives students the opportunity to use current technologies to create computational artifacts for both self-expression and problem solving. Students will be able to sit for the AP Computer Science Principles exam at the end of the course. Prerequisite: successful completion of Algebra 1 with a B or better.

AP Computer Science A**11th-12th****Credit: 1**

This course is designed to prepare students for further work in programming at the collegiate level. The emphasis is on learning to write structured, readable, well-documented programs in Java in addition to preparing students for the AP Computer Science A exam. Prerequisite: completion of Java Programming 1 with a B or better.

MUSIC

Note: Students enrolled in music courses will be required to participate in out-of-school rehearsals and performances in order to satisfactorily complete these courses.

Soprano-Alto Chorus & Theory (Women)**Credit: 1**

This course includes the development of choral techniques through the study and performance of choral literature of varying periods and styles written for soprano/alto vocal ranges. The course uses supplementary materials related to general music education to develop the musicianship of the student. No audition required.

Tenor-Bass Chorus & Theory (Men)**Credit: 1**

Same as Soprano-Alto Chorus above, but for tenor/bass vocal ranges.

Advanced Treble Choir**Credit: 1**

This course includes the development of choral techniques through the study and performance of choral literature of varying periods and styles written for soprano/alto vocal ranges. The course uses supplementary materials related to general music education to develop the musicianship of the student. Prerequisite: open to students by interview and audition or by recommendation of the director.

SATB Chorus & Theory (Singers)**Credit: 1**

This course includes the development of choral techniques while performing with a group of select students proficient in reading music. Instruction emphasizes advanced choral techniques which require accurate intonation, tone production, diction and interpretation. Theory is taught in context of music learned for performance. Experiences include a cappella singing and opportunities for solo and ensemble participation. Prerequisite: audition.

Madrigal Singers**Credit: 1**

The Chamber Singers/Madrigal Singers is a small, select ensemble comprised of students who perform for civic groups, conventions, meetings, churches, synagogues, etc., while giving students the opportunity to study various musical styles such as madrigals, motets, chamber music, folk and popular music. This class is designed for the student who wishes to be involved in a "second" vocal performance ensemble. Prerequisite: audition.

Chorale

Credit: 1

Students enrolling in this ensemble must demonstrate advanced music/sight reading ability and advanced vocal development. Theory concepts are taught through the performance repertoire. Experiences include primarily a cappella singing and opportunities for solo and ensemble preparation. Students should have prior ensemble experience. Prerequisite: audition and permission of the director.

Beginning Keyboarding

Credit: .5

This semester course is designed for students who have little or no musical keyboard experience. It is to be an exploratory course taught in a group setting. Basic topics covered will be note reading, rhythm reading and basic chord accompaniments. The class format will include individual practice time, group playing time and individual instruction time with the teacher. The course is structured as a guided, self-paced class allowing students of various levels the opportunity to succeed.

Band & Theory

Credit: 1

This course is designed to provide students with an experience in marching band and concert band literature and fundamentals of music theory. Students selecting this course are to understand that satisfactory completion will **require** out-of-school rehearsals and performances. Prerequisite: All Band & Theory students should have two years playing experience or equivalent ability as determined by the director.

Jazz Band & Theory

Credit: 1

This course is designed to provide an experience in the performance of jazz music. The course provides experiences in jazz concepts including fundamentals of jazz performance, interpretation, harmonic awareness and jazz improvisation. Prerequisite: audition and be concurrently enrolled in a regular band or orchestra class.

Color Guard

Credit: .5

The class combines performance/competition preparation with equipment and movement instruction at the intermediate to advanced level. Students will be trained in dance in addition to color guard equipment and work with flags, rifles and sabers. Prerequisites: audition/permission of director.

Introduction to Music Technology & Industry

Credit: 1

This course is designed for students interested in the fields of music and computer technology. Topics include computer assisted instruction, MIDI, sequencing, music notation software, internet music resources, digital recording and music industry to help students acquire the knowledge and skills contained in the music core content. Prerequisites: prior music class at Lafayette or concurrently taking another music course at Lafayette. **Note:** This is a **highly** requested course; seniors and juniors have first priority. If requesting as a sophomore or freshman, alternate course **must** be chosen as well.

Orchestra & Theory

Credit: 1

This course is designed to provide the student with an experience in the performance of advanced orchestral literature of various periods and styles, development of advanced orchestral techniques and fundamentals of music theory. Students selecting this course are to understand that it **requires** participation in out-of-school rehearsals and performances in order to reach satisfactory completion. Prerequisite: audition.

This course is intended for students who will continue their study of music at the college level or for students who desire to further their understanding of the fundamentals of music; it builds upon skills learned in previous musicianship classes. A goal of this 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. It is designed to help students develop a thorough understanding of aural and written music theory. Primary emphasis is placed on music and styles of the Common Practice Period (1600-1750); music of other periods and styles is also studied. All students enrolled are expected to take the AP Music Theory Exam. Prerequisite: Concurrent enrollment in a school performance group, or letter of recommendation from a current private keyboard or fretted instrument teacher, and audition.

SCIENCE

Advanced courses are offered for students who have strong interests in pursuing advanced degrees or careers in science related fields. **All Science courses have an additional fee of \$3.**

Integrated Science 1

9th

Credit: 1

This inquiry based introductory chemistry and earth science course is designed around the themes of patterns of change and systems, order and organization. Students will examine the organization of the universe by beginning with the fundamental laws of chemistry that give order to atomic and molecular interactions, continue with the way these laws affect the earth and the organization of life, and conclude with how life responds to these laws.

Intro. Physics with Earth/Space Science

9th

Credit: 1

This course includes topics in physics, chemistry and earth/space science. It is the first level course to provide an understanding of the major principals of each discipline and provide a foundation for further study in science. The course will emphasize an inquiry-based laboratory approach to assist students in developing and applying concepts in each area.

Biology

10th

Credit: 1

Course topics will include unity and diversity, cell structure and function, behavior of organisms' molecular basis of heredity, biological evolution and interdependence of organisms. The second semester final exam is an End-of-Course state assessment. Prerequisite for Adv Biology: successful completion of Algebra 1. Prerequisite for Biology: completion or current enrollment in Algebra 1.

Integrated Science 2

11th

Credit: 1

The theme of this inquiry based physics and astronomy course is constancy and change over time. Students will examine constancy in the natural world as well as changes that continually occur. Students will examine the formation of matter and energy, properties and interactions, formation of the stars, the solar system, galaxies and the universe.

Chemistry

11th-12th

Credit: 1

Chemistry is the third science graduation requirement. Students will investigate the properties of matter, its interactions and factors affecting the interactions using a variety of means and technologies - labs, lectures, discussions and group activities among them. Technology will be used to collect and analyze data and to report findings throughout the course. Prerequisite: passed Geometry with a C or better and current enrollment in a higher math course.

Advanced Earth / Space Science**11th-12th****Credit: 1**

Advanced Earth / Space Science is a science elective. The topics included in this course are geology, meteorology, paleontology and formation of the solar system. Laboratory work will emphasize concepts and content that requires an understanding of geometry concepts. Prerequisites: successful completion of Algebra 1 and enrollment in Geometry or higher math course.

Physics**10th-12th****Credit: 1**

This course will include the following topics: Newtonian Mechanics (kinematics, Newton's Laws, statics and dynamics); Conservation Laws (momentum and energy); Electricity and Magnetism. Once a conceptual framework has been constructed, students should be able to apply mathematics in order to solve complex physics problems. Since mathematics is the language of physics, students enrolling in this course should have a strong mathematics background. Prerequisite for Adv Physics: if students have not completed Adv Pre-Calculus, they must take it concurrently. Prerequisite for Physics: concurrent enrollment in Algebra 2.

AP Physics 1 & 2**11th-12th****Credit: 1**

These are two separate, full-year courses which allow students to achieve in-depth understanding. Students will have more time for hands-on explorations of physics content and inquiry labs. AP Physics 1 is the equivalent to a first semester college course in algebra-based physics. This course covers Newtonian mechanics, work, energy and power; mechanical waves and sound. Electric circuits will be introduced. AP Physics 2 is the equivalent to a second semester college course in algebra-based physics. This course covers fluid mechanics, thermodynamics, electricity and magnetism, atomic and nuclear physics. These courses do not have to be taken consecutively; one may be taken and not the other. They will prepare students for separate AP Physics exams. Prerequisite: successful completion of mathematics through Adv Pre-Calculus and Adv Physics. Calculus is strongly recommended as a co-requisite.

AP Biology**10th-12th****Credit: 1**

AP Biology is an intense, laboratory-based, college-prep life science course that focuses on 8 major themes including the following: science as a process (scientific method), evolution, the relationship between structure and function, regulation (cellular organism, and ecological), interdependency in nature and scientific advancement and society. Prerequisites: include Adv Biology, Adv Chemistry*, and Algebra 2* (*can be taken concurrently). Additional fee: \$10.

AP Chemistry**11th-12th****Credit: 1**

AP Chemistry is a standardized program of study that provides an overview of freshman college general chemistry. Topics include kinetics, thermodynamics, atomic theory, organic chemistry, behavior of gases, descriptive and solution chemistry. College-level labs are included in this course. Prerequisite: students should have completed Adv Chemistry with a B or better and be currently enrolled in an advanced math course (either Adv Pre-Calculus or Adv/AP Calculus), and must have permission of current science teacher.

AP Environmental Science**11th-12th****Credit: 1**

This interdisciplinary course provides students with the scientific principles and concepts necessary to understand the natural world. Students will analyze natural and man-made environmental problems, evaluate the risks associated with environmental issues and provide alternative solutions for resolving them. Prerequisites: successful completion of Adv Biology and successful completion, or concurrent enrollment, in Chemistry and Algebra 2.

Advanced Human Anatomy**10th-12th****Credit: 1**

In-depth study of the anatomical and physiological functioning of human body systems from the cellular level to the organism level. Examples may include, but are not limited to, the skeletal system, muscular system, respiratory system, etc. Dissection may be a course requirement. Prerequisites: completed Adv Biology with at least a C average; completion or current enrollment in a Chemistry class; consent of current science teacher. Additional fee: \$10.

Advanced Comparative Anatomy**10th-12th****Credit: .5**

Through dissection of organisms from the seven vertebrate classes, students will engage in compar-

isons of the structure and function of anatomical systems. . Prerequisites: successful completion of Biology with at least a C or better, and successful completion or concurrent enrollment in Chemistry. This course is paired with Adv Heredity.

Advanced Heredity **10th-12th** **Credit: .5**

Students will explore the molecular basis of heredity in humans. The course of study includes recent discoveries in gene technology, laboratory experience in gene splicing and DNA fingerprinting as well as allowing for debate of ethics in gene manipulation. The human genome will be investigated within this one semester course. This course is an extension of the heredity/genetic concepts introduced in Adv Biology. This course is paired with Adv Comparative Anatomy.

Advanced Microbiology **10th-12th** **Credit: .5**

Advanced Microbiology is a laboratory based course that is an extension of the concepts experienced in Advanced Biology. Students will investigate cellular function by studying cell structures. Proper laboratory techniques are stressed as infectious diseases and their relationships between microorganisms and humans will be studied. Prerequisites: completion of Adv Biology and completion, or concurrent enrollment, in Chemistry. This course is paired with Adv Plant Biology.

Advanced Plant Biology **10th-12th** **Credit: .5**

The focus in this course will be on both the individual plants (their anatomy and function) and communities of plants (ecology and geography), with attention given to classification and identification. Prerequisites: completion of Biology with at least a C and should have completed, or be enrolled, in Chemistry. This course is paired with Adv Microbiology.

Biotechniques II **11th-12th** **Credit: 1**

Biotechniques II is a course that helps student become familiar with many biotechnology techniques including biological solution preparation, practices in aseptic techniques, chromatography, gel electrophoresis, and various protein assays. This course is the second in a series. Upon completion of the entire series, students will receive college credit through BCTC. Prerequisite: successful completion of Adv Biology and Biology teacher's approval.

Science/Social Studies Elective

Advanced Crime Scene Investigations **10th-12th** **Credit: 1**

This course will be a collaborative effort between a science and a social studies teacher in which the techniques and tests used by criminologists will be examined. The science component of the class will include some of the following: forensic history, evidence collection, blood and DNA collection and analysis, ballistics and fingerprint collection and analysis. The social studies component will include discussion of criminal and tort law, procedures of grand juries and trials, mock trials, crime scene reconstruction and serial criminals. Prerequisites: Biology, Chemistry and Algebra 2 (classes can be taken concurrently).

SOCIAL STUDIES

Note: Most all Social Studies courses are either Advanced or AP.

Advanced Government **9th** **Credit: 1**

This course emphasizes the major themes of government through topics that lead to an understanding of being an active citizen in the United States and today's global society. Topics will include understanding the relationship between natural environments, people and government, forms of government and the diverse cultures that make up and influence our national and global societies.

AP U.S. Government & Politics**Credit: 1**

This AP course in United States Government & Politics will give students an analytical perspective on government and politics in the United States. This course includes both the study of general concepts used to interpret U.S. government and politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs and ideas that constitute U.S. government and politics. This class will prepare students for the AP exam in the subject. When taken in the 9th grade, this course will satisfy the Government graduation requirement. **Course work is fast-paced, in-depth and extensive in content; weekly homework should be expected.**

Advanced World Civilizations**10th****Credit: 1**

This is a survey course that focuses primarily on the historical, geographic, economic, governmental and cultural development of major civilizations after 1500, with a focus on the impact of the past on today's world. The first semester covers the period from the Renaissance to the French Revolution, and the second semester covers the period from the French Revolution to the present.

AP World History**10th-12th****Credit: 1**

The purpose of this course is to develop greater understanding of the evolution of global processes and contacts, in interaction with different types of human societies. Focused primarily on the past 1000 years of the global experience, the course builds on an understanding of cultural, institutional, and technological precedents that, along with geography, set the human stage. Students will have the opportunity to take the AP World History exam at the close of the course.

United States History**11th****Credit: 1**

This course traces the historical, societal and political development of the United States from Reconstruction to the present. Students will become real-life problem solvers and critical thinkers as they study government at various levels, explore the contributions of various cultures to the development of the American experience, examine the transformation of the U.S. economy and analyze how geographic features have affected U.S. development. The second semester final exam is an End-of-Course state assessment.

AP United States History**11th****Credit: 1**

The Advanced Placement U.S. History course is offered for the student with well-developed reading and analytical skills as well as maturity in thought and purpose. The focus is on depth, quality and breadth of work and on preparing the student for advanced college work in this subject area. Course content ranges from the time of Columbus to the present. Students may take the AP U.S. History exam upon completion of the course.

Advanced Criminal Justice**10th-12th****Credit: 1**

This course will give students an introduction to the people and procedures of the criminal justice system. Particular attention will be given to the needs and interests of today's youth. The topics of study will include the history of the criminal justice system in America, victims' rights and the rights of the accused, correction (including prison, parole and probation), a comparison between criminal and civil law procedures and studies concerning the costs of crime. The Constitution, Bill of Rights, various other historical documents, as well as new laws and current court proceedings will be applied and integrated into the curriculum.

Advanced Political Science**10th-12th****Credit: 1**

Students will study the legislative, executive and judicial branches of our Federal government, with particular emphasis on the influence government has on their lives and the methods and means that citizens have to influence government and its actions.

Advanced World Cultures**Credit: 1**

This course combines the disciplines of sociology and geography to come to an understanding of what all cultures have in common as well as what makes them different or unique. Topics such as culture, socialization, race, gender, family structure, world religions and urbanization will be studied through the viewpoint of a sociologist. One specific culture on each continent will also be studied and discussed. The class relies heavily on class discussion, group work as well as class, school and community surveys and experiments.

AP European History**10th-12th****Credit: 1**

This AP Course is an in-depth look at the historical, geographical, economic, governmental and cultural developments of major European civilizations. The impact of the past on the present is a recurrent theme of this course. Students will learn the chronology of the major events and trends from approximately 1300 through the present. This course will prepare students for the AP European History exam.

AP Human Geography**Credit: 1**

Some topics included in this course are history of Geography since the 19th century, Population and its theories, Cultural Patterns and Processes (language, religion, race, ethnicity, gender), Political Organization of Space (nation-state, ethnic, economic, environmental) and Cities and Urban Land Use (cities, transportation, internal structure and landscape of cities, Christaller's Central Place Theory). The intense study of these topics will help prepare the student to take the AP Human Geography exam. Prerequisites: students must be recommended by their current social studies teacher and have maintained at least a C average in Advanced or AP Social Studies classes.

Advanced Psychology**Credit: 1**

This course is designed to introduce the student to the basic scientific principles of individual behavior. The student will learn how psychologists conduct research, how humans perceive the world and how biology affects behavior. Topics of interest include: learning theory, child development, right-left brain function, memory, emotion, dreaming. Second semester focuses on intelligence, personality, love, mental health and illnesses, discrimination and careers.

AP Psychology**10th-12th****Credit: 1**

This course is offered for the student interested in pursuing college work in psychology and as preparation for the AP Psychology exam. The student is introduced to the scientific principles of individual behavior using critical thinking skills, extensive analysis and research practices. Course content includes psychological research techniques, major schools of thought, brain-behavior relationships, intelligence and creativity and memory. **Course work is fast-paced, in-depth and extensive in content.**

Psychology 110 Dual Credit**11th-12th****Credit: .5**

This is a survey course designed to give the student an introduction to the history, methods and content of modern psychology. Topics include the history and systems of psychology, psychological research, physiological psychology, personality, abnormal behavior and social psychology. This is a one semester course and successful completion gives students .5 credit for high school and the equivalent of one semester of college Psychology, a general education requirement at many colleges and universities. A completed BCTC application, transcript, an ACT English score of at least 18 **and** an ACT Reading score of at least 20 (or qualifying Wonderlic test scores) are required. **Note: there might be a BCTC fee required to take this course.**

WORLD LANGUAGE

Kentucky's Pre-College Curriculum mandates that all college-bound students must reach the second level of the same world language. Many colleges and universities have their own language requirements for admission and/or graduation.

French 1

Credit: 1

This course's emphasis will be on basic communication skills in French. Students will learn basic listening, speaking, reading and writing skills. They will use these skills to communicate (in writing, through videos and using virtual media) with a pen pal from a partner school in France. They will also be introduced to culture and career opportunities utilizing French language skills.

French 2

Credit: 1

Students will continue to improve upon basic communication skills from French 1, including the pen pal relationship. They will also explore and compare various aspects of francophone culture such as schooling, travel, beliefs, etc., of France, Martinique and the Ivory Coast. Prerequisite: successful completion of French 1 or teacher recommendation.

Advanced French 3

Credit: 1

The goal of this course is for students to be able to express their ideas creatively and accurately both orally, in writing and with reasonable fluency. Students will continue to build upon their pen pal relationship begun in earlier courses. There will also be an exploration of social and cultural topics. **The class will be fast-paced.** Prerequisite: successful completion of French 2 or teacher recommendation.

Advanced French 4

Credit: 1

In this course, students will explore contemporary cultural topics including housing, stereotypes, holidays, cuisine, etc. This exploration will be through authentic reading, viewing, listening activities and class discussion. Students will continue to develop fluency and accuracy in reading and writing. This course is treated as a precursor to AP French Language & Culture. Prerequisite: successful completion of Advanced French 3.

AP French Language & Culture

Credit: 1

This course is the equivalent of a college course in French language and culture. Students will express their ideas and informed opinions through writing and conversation among the following topics: beauty & aesthetics, families & communities, global challenges, etc. This class will prepare students for the AP exam in this subject. Prerequisites: successful completion of Advanced French 4 or teacher recommendation.

Advanced Japanese 1

Credit: 1

Students will learn basic listening, speaking, reading and writing skills. They will also be introduced to Japanese culture and career opportunities utilizing Japanese language skills.

Advanced Japanese 2

Credit: 1

Students will continue improving listening, speaking, reading and writing skills. They will also learn about famous Japanese people and do some extended readings on popular topics. Emphasis will be placed on grammatical structures and vocabulary development. Prerequisite: successful completion of Advanced Japanese 1.

Advanced Japanese 3

Credit: 1

The ability of students to express their ideas accurately and resourcefully both orally and in writing with reasonable fluency will be one of the main goals of this course. **The class will be fast-paced.**
Prerequisite: successful completion of Advanced Japanese 2.

Advanced Japanese 4

Credit: 1

This course for advanced level students further develops the students' reading and writing skills. Readings on cultural movements are discussed in Japanese. The vocabulary expansion should permit the students to read most non-technical material. Prerequisite: successful completion of Advanced Japanese 3.

AP Japanese Language & Culture

Credit: 1

Students enrolled in this course will gain an introduction to social, political, religious and educational issues, as well as traditional versus modern gender roles. They will learn to apply the appropriate register in the application of these skills as well as level of formality, which will all aid in successfully passing the AP Japanese Language & Culture exam. Prerequisite: successful completion of Advanced Japanese 4.

Spanish 1

Credit: 1

Students will learn basic listening, speaking, reading and writing skills. They will also be introduced to Spanish culture and career opportunities utilizing Spanish language skills.

Spanish 2

Credit: 1

Students will continue improving listening, speaking, reading and writing skills. They will learn about famous Spanish people and do some extended readings on popular topics. Emphasis will be placed on grammatical structures and vocabulary development. Prerequisite: successful completion of Spanish 1.

Advanced Spanish 3

Credit: 1

The ability of the students to express their ideas accurately and resourcefully both orally and in writing with reasonable fluency will be one of the main goals of this level. **The class will be fast-paced.** Prerequisite: successful completion of Spanish 2.

Advanced Spanish 4

Credit: 1

This accelerated course will stress the use of Spanish, in all four skills, to deal with relevant contemporary topics: family, contemporary issues, music, community, etc. Readings will consist of excerpts and short stories. This course is treated as precursor to AP Spanish Language & Culture; students are expected to continue if time and scheduling make it possible. Prerequisite: successful completion of Advanced Spanish 3.

AP Spanish Language & Culture

Credit: 1

This course is equivalent to a college course in Spanish conversation and composition with the following objectives: (1) mastery in comprehension and oral expression of ideas; (2) mastery in the composition of expository passages; (3) the review of advanced grammatical structures. Six themes are studied in depth: Global Challenges; Beauty & Aesthetics; Science & Technology; Family & Community; Contemporary Life; Personal & Public Identities. Prerequisite: successful completion of Advanced Spanish 4 or teacher recommendation.

ENGINEERING TECHNOLOGY

Architecture & Civil Engineering

10th-12th

Credit: 1

The major focus of this course is a long-term project that involves the development of a local property site working with the ACE Mentor Program. Founded in 1994, the ACE name stands for Architecture, Construction and Engineering. ACE is an in depth program that gives students a hands-on look into architecture, construction management, engineering and other construction careers they may consider if interested in designing and/or building just about everything, from schools, stadiums and concert halls to bridges, tunnels, shopping malls, parks and more.

Foundations of Technology

Credit: 1

This fast paced, rigorous, hands-on course is designed to teach problem solving and team building to students using electronic and robotics technology. Student groups design and build robotic units using VEX robotics EDR series to solve social and technological problems. Projects that will be consistent with the Technology Student Association Competitive Events Program are also incorporated into the curriculum to enhance student performance. Additional fee: \$20.

Fundamentals of Engineering Design I

Credit: 1

This course is an introduction into the world of engineering. The student will learn many different aspects of engineering. Project-based learning is used to guide students through the curriculum. Projects include a puzzle cube, a reverse engineering project, a St. Louis Arch and a final project of the student's choice. This class is computer-based and teaches problem-solving skills using a design development process.

Graphic Communication Technology

Credit: 1

This course allows students to use digital cameras, computers, photography, desktop publishing, printing, and other special projects related to the communications field. Topics such as offset press operation, graphic layout and design, screen process printing and other areas involved in an introduction to photo offset lithography. Additional fee: \$30.

Technological Design

Credit: 1

This Computer-Aided Design (CAD) course is a comprehensive, laboratory-based course, which includes the fundamentals of drafting. Sketching and computer applications in drafting and design will be emphasized. Students will learn about section drawings, auxiliary (primary) views, pictorial (oblique) drawings, technical illustrations, threads and fasteners, pattern development, working drawings and architectural drawings.

Engineering & Technology Internship

12th

Credit: 4

This course provides the opportunity to blend Career & Technical Education (CTE) Engineering and Technology courses with engineering experience to help students apply technical skills along with science, technology, engineering, and math (STEM) skills to solve real-world problems. Students will work as an Intern with one or more engineering companies during the year. Students may intern as many as four blocks. **Note: Only one credit of Internship may be used for KEES Scholarship purposes. Therefore, four other classes must be scheduled to earn at least 5 total credits for KEES qualification.**

Pre-Engineering Program

All Pre-Engineering students must complete at least one Advanced Placement (AP) science course to be chosen from AP Biology, AP Chemistry, AP Environment Science and AP Physics. Additionally, students must take Adv Intro to Physics with Earth/ Space Science, Adv Biology, Adv Chemistry and Adv (or AP) Physics. Pre-Engineering students **may** double-up on science courses in the freshman or sophomore years. A math and science course must be taken each year of high school.

All Pre-Engineering students must also complete at least one AP mathematics course to be chosen from AP Calculus and AP Statistics. Additionally, students must take Adv Geometry, Adv Algebra 2, Adv Pre-Calculus and Adv (or AP) Calculus within the Pre-Engineering Program.

Parents will sign a contract stating students with a C or less will attend tutoring during the semester or be transferred out at the close of the semester.

Pre-Engineering Advanced Geometry

Prerequisite of having passed Algebra 1 in the 8th grade.

Pre-Engineering Advanced Algebra 2

Prerequisite of having passed Adv Pre-Engineering Geometry with a B or better or Geometry in the 8th grade.

Pre-Engineering Advanced Pre-Calculus

Prerequisite of having passed Adv Pre-Engineering Algebra 2 with a B or better.

Pre-Engineering Advanced Intro to Physics w/Earth/Space

This is the 9th grade science course. Prerequisite: concurrent enrollment in Adv Pre-Engineering Geometry or higher.

Pre-Engineering Advanced Biology

This is the 10th grade science course. Prerequisite: completion of Adv Pre-Engineering Intro Physics w/Earth Space Science with a grade of B or better. Adv Pre-Engineering Biology may be taken in the 9th grade if also enrolled in Adv Pre-Engineering Algebra 2; would also be enrolled in Adv Pre-Engineering Intro Physics w/Earth Space Science.

Pre-Engineering Advanced Chemistry

Prerequisite: completion of Adv Pre-Engineering Biology and Adv Pre-Engineering Geometry with a grade of B or better. May be taken concurrently with Adv Pre-Engineering Biology if not taken during 9th grade.

Advanced University Research Science

Students will have the opportunity to specialize in the area of engineering or medicine which interests them. They will perform their own research, at the University of Kentucky, with guidance from a professor or doctor. Prerequisite: all necessary science requirements are met; an A or B in an AP level science course.

Potential elective courses in Pre-Engineering include:

- Foundations of Technology
- Technological Design
- Fundamentals of Engineering Design I
- Principles of Engineering & Technology

For more information contact:

Ms. Diane Remley or Ms. Connie Waespe
Lafayette High School
401 Reed Lane
Lexington, KY 40503
381.3474

School for the Creative and Performing Arts (SCAPA)

Program Overview

The program provides students, who are gifted/talented in the arts, the opportunity to further develop and enhance their abilities in the fine arts in a setting that focuses on the arts and academics. Additionally, every student is given the opportunity to participate in performances, master classes, exhibits, lectures and other off-campus experiences throughout the year.

Admission to SCAPA requires an application and audition. The application period is from mid-August to the first part of October each year. Placement offers are made the following February for the next school year.

Students receive instruction in ballet, contemporary dance, drama, literary arts, music (instrumental, keyboard, or voice) and visual arts from arts specialists and community resources, in addition to the regular academic curriculum. **There are additional fees associated with SCAPA Art classes (\$80-\$100) and SCAPA Musicianship classes (\$30-\$40).**

For more information contact:

Mr. Bryne Jacobs, Principal
Lafayette High School
401 Reed Lane
Lexington, KY 40503
381.3474

Ms. Carla Pleasant
SCAPA Facilitator
400 Lafayette Parkway
Lexington, KY 40503
381.3338

College / Career Readiness

The state of Kentucky is focused on making college and career readiness a reality for every Kentucky student. To identify students as college and career ready, the Kentucky Board of Education has identified indicators of readiness that includes students meeting ACT benchmarks, college placement test benchmarks and, for the career component, Industry Certificates or Kentucky Occupational Skills Standards Assessment (KOSSA) with WorkKeys or Armed Services Vocational Aptitude Battery (ASVAB).

At Lafayette, students may initiate a pathway to career readiness by completing a series of courses in the following Career and Technical Education areas:

Business Career Pathways:

- Accounting—Accounting & Finance Foundations and Adv Accounting with an elective from: Business Principles & Applications, Digital Literacy or Financial Literacy.
- Administrative Support—Digital Literacy and Microsoft Office with an elective from: Business Law, Business Principles & Applications, Financial Literacy or Web Page Design.
- Advertising—Principles of Marketing, Advertising & Promotion and Adv Marketing and an additional elective may be taken from: Business Law, Business Principles & Applications, Digital Literacy or Sports & Event Marketing.
- Marketing—Principles of Marketing or Sports & Event Marketing; Adv Marketing with an elective from: Advertising & Promotion, Business Principles & Applications, Digital Literacy, or Sports & Event Marketing.
- Retailing—Principles of Marketing or Sports & Event Marketing; Retail Marketing Management or Adv Marketing with an elective from: Advertising & Promotion, Business Principles & Applications, Digital Literacy or Financial Literacy.
- Sports Marketing—Principles of Marketing, Sports & Event Marketing and Adv Marketing with an elective from: Advertising & Promotion, Business Law, Business Principles & Applications, Digital Literacy or Financial Literacy.

Family & Consumer Science Career Pathways:

- Consumer & Family Management—Life Skill Essentials, Foods & Nutrition, Money Skills and an additional elective may be taken from: Early Lifespan Development or Parenting.
- Culinary Arts—Life Skill Essentials, Foods & Nutrition, Adv Foods & Nutrition and an additional elective may be taken: Money Skills.
- Early Childhood Education—Life Skill Essentials, Early Lifespan Development, Child Development Services I and an additional elective may be taken from: Early Childhood Development Co-Op, Money Skills or Parenting.
- Fashion & Interior Design—Life Skill Essentials, Fashion & Interior Design 1, Fashion & Interior Design 2 and an additional elective may be taken from Money Skills or Fashion & Interior Design Co-Op.

Engineering & Technology Career Pathway:

- Graphic & Digital Communications—Digital Literacy, Fundamentals of Engineering Design I, and Graphic Communication Technology.

Fayette County Technical Centers

Fayette County students may attend a Technical Center and earn three to four credits each school year. They may attend for additional school years for more advanced training and additional credits. Listed below are the programs available at the Technical Centers; websites shown offer detailed course descriptions. The following core courses are among those available at most Technical Centers: Algebra 1 , Geometry, Algebra 2, English 3 , English 4, Adv Biology, Adv Chemistry.

Eastside Technical Center—www.eastside.fcps.net

Advanced Gaming Technology
Automotive Technology
Collision Repair Technology
Diesel Technology
Fire & Emergency Medical Services
Law Enforcement & Emergency Management
Multimedia Production

Locust Trace AgriScience Center—www.locustrace.fcps.net

Agribusiness Systems
Ag Power, Mechanical and Structural Systems
Animal Science Systems
Environmental Sciences / Natural Resources Systems
Food Science and Processing Systems
Horticulture and Plant Systems

Southside Technical Center—www.southside.fcps.net

Carpentry
Culinary Arts
Electricity Technology
Electronics Technology
Medical Health Sciences
Medicaid Nurses' Aide
Welding Technology

General Counseling Information

College Information

- Students may start to visit colleges the summer after their sophomore year.
- Throughout the school year, various college representatives come to Lafayette to meet with students during the school day. Sign up in the Guidance Office.
- A College Fair is held for Fayette County students each October.
- Use your ILP to keep a continuous resume of your activities, honors, work experience, etc.
- College-bound students should maintain a GPA of 3.0 or higher.

Career Information

Information regarding careers and colleges are available in the Guidance Office. Students also have access to the Career Cruising software online at <http://www.careercruising.com/ilp/>.

Financial Aid and Scholarships

Kentucky Educational Excellence Scholarship (KEES) is available to all students. Grades of C+ and above can earn money towards college tuition. Go to www.kheaa.com for more details.

Some essay contests and scholarship opportunities are available to juniors, however, they are primarily offered during the senior year. Come to the Guidance Office for a copy of currently advertised scholarships.

A Financial Aid Workshop for seniors and their parents is held in the Library each fall. Complete and submit the Free Application for Federal Student Aid (FAFSA) forms as soon as possible.

Testing

9th grade

PSAT—required; given **only** in October

10th grade

PSAT—required; given **only** in October

11th grade

PSAT—to be eligible for National Merit Scholarship (given **only** in October); recommended
ACT—**required** in spring, free of charge, however, students may take the ACT several times throughout high school on their own (www.actstudent.org)
SAT—optional college entrance exam (www.collegeboard.com)
On-Demand Writing—**required** in late spring

End of Course Exams

Algebra 2, Biology, English 2, U.S. History—**required** in late spring

Advanced Placement (AP) exams

Students taking AP courses should take the AP exam in May of the year the course is taken. For more information go to: www.collegeboard.com/student/testing/ap/about.html.

Students with a 504 Plan, IEP, or PSP

In order to take a national exam such as the ACT, SAT, PSAT and/or AP, and receive accommodations, a form requesting approval for accommodations must be submitted as least 6 weeks prior to the exam date. Contact the Guidance Office for more information.

Pre-College Curriculum (PCC)

First-time freshmen under age 21 who enroll in a four-year degree program at a Kentucky public university must complete PCC. Students who transfer to a four-year degree program or convert to baccalaureate status with fewer than 24 semester credit hours may be subject to PCC requirements. Rigorous electives should have academic content at least as challenging as that in courses required in the minimum high school graduation requirements. These electives also should be in social studies, science, math, English, arts and humanities, world language and above the introductory level in business, marketing, family consumer sciences, health sciences and technology education. *Completing the PCC will enable students to earn monies via the Kentucky Educational Excellence Scholarship (KEES).*

Additional Course Opportunities for Juniors and Seniors

Dual Credit

Students may earn both high school and college credit in the same course. Lafayette offers Dual Credit English, Math and, in some years, Psychology. Requirements: English ACT score of 18 or higher **and** Reading ACT score of 20 or higher for Dual Credit English and Psychology; Math ACT score of 22 or higher for Math. These courses use the college's grading scale (90-100=A, 80-89=B, etc.). **Note: there might be a BCTC fee required to take each of these courses.**

Dual Enrollment

Students may enroll in college courses while in high school. College entrance requirements must be met.

eSchool

Students may take courses on-line during their own time. See your Guidance Counselor for details.

Opportunity Middle College (OMC)

This program is a partnership between Fayette County Public Schools and Bluegrass Community & Technical College (BCTC). Students have the opportunity to enroll in both college and high school courses that are taught at the Leestown campus of BCTC and can earn both high school and college credit for these courses. There is no cost for tuition or books for classes taken in this program. Students who will be a junior or senior next fall are eligible to apply. Students must submit ACT scores along with a high school transcript to verify that they can successfully complete the compacted and rigorous early college curriculum. Low socio-economic and first-generation college students receive priority in the selection process. See your Guidance Counselor for an application and more information.

Kentucky's Career Clusters

The Career Pathway is the central focus for developing the Individual Graduation Plan. Selecting high level academic and career-related courses and identifying work-based learning experiences that prepare students for transition to postsecondary education, work or the military. Students at Lafayette will identify their pathways through the on-line Individual Learning Plan and Career Cruising programs.

The ILP is a Kentucky-mandated program for all students in grades 6-12. It is designed to help students plan for their futures as they complete an interest inventory and compile their academic achievements, extracurricular activities and career and education exploration activities. Counselors and teachers will use ILP information to guide and personalize students' academic journeys and students will use the ILP as a tool throughout high school and beyond.

Kentucky's 14 Career Clusters are: Agriculture, Human Services, Arts & Humanities, Information Technology, Business & Marketing, Manufacturing, Communications, Public Services, Construction, Science & Mathematics, Education, Social Sciences, Health and Transportation.



Learners, Leaders, Legacies: LAFAYETTE

Contact Infor-

mation

Principal	Mr. Bryne Jacobs	381.3474
SCAPA	Ms. Carla Pleasant	381.3338
Pre-Engineering	Ms. Diane Remley Ms. Connie Waespe	381.3474
Guidance Office	main number	381.3481

Lafayette High School

Home of the *Generals*

<http://www.lafayette.fcps.net/>

<http://www.scapa.fcps.net/>

