

LEXINGTON HIGH SCHOOL



Course Guide

Table of Contents

Graduation Requirements	4
Grading Scale	5
Weighted Courses	6
Advanced Placement & Dual Credit	7
Clubs, Organizations & Athletics	8
NCAA	9
Credit Recovery, Schedule Change Policy	10
English	11
Math	14
Science	17
Social Studies	20
Fine Art	23
Foreign Language	26
PE/Health/Driver's Education	27
Business & Technology	29
Agriculture	31
BACC	35
Cooperative Occupations	36



Introduction

The administrators, faculty, and the school counselor of Lexington High School strive to promote the development and growth of all students. Our goal is to graduate students who possess the skills and critical thinking capabilities that are necessary for postsecondary success.

This handbook serves as a tool to help you and your student develop a plan of courses that will lead to postsecondary goals. Classes listed within this handbook are subject to change with board approval. It is the intent that this handbook be a guide to help your student plan high school courses that will meet postsecondary goals.

GRADUATION REQUIREMENTS

A one-half credit (.5) is earned each semester (with the exception of Band/Choir .25 Per semester) of enrollment in a course with a passing grade of a D or above. Students are required to be enrolled in seven courses a semester. In order to receive a diploma from Lexington High School, students must complete 25 credits that include the following required coursework:

English	4
Math	3
Science	2
Social Studies	2*
Health	.5
Consumer Education	.5
Art/Music/Foreign Language/VOC	1 ***
Physical Education	4**
Electives	8
Total Credits	25

**Student must pass U.S. & Illinois Constitutions*

***Exemptions may apply for Physical Education*

****The following vocational courses may be used to satisfy the fine arts requirement with the exception of those courses used to fulfill another graduation requirement:*

- Bloomington Area Vocational Courses
- Business Courses
- Agriculture Courses

GRADING SCALE

The standard scale for 9 week grades, semester exam grades and semester averages in all classes is as follows:

A+	98% and up
A	95.0% - 97.9%
A-	92.0% - 94.9%
B+	89.0% - 91.9%
B	86.0% - 88.9%
B-	83.0% - 85.9%
C+	80.0% - 82.9%
C	77.0% - 79.9%
C-	74.0% - 76.9%
D+	71.0% - 73.9%
D	68.0% - 70.9%
D-	65.0% - 67.9%
F	below 65%

GRADE POINT AVERAGE (GPA)

To calculate a student's GPA, assign the following points to grades received:

A+	4.0
A	4.0
A-	3.67
B+	3.33
B	3.0
B-	2.67
C+	2.33
C	2.0
D+	1.33
D	1.0
D-	.67
F	0.0

***Select classes have weighted grades. Weighted grades result an increase of 2/3 of a grade point. These grades are not reflected on the high school transcript letter grade; however, they are included in the G.P.A. ***

Total the points and divide by the number of grades received. This number is the GPA for the student.

Weighted Courses

Lexington High School offers a variety of weighted courses. Weighted courses offer an opportunity for students to receive an increase in the grade point average. Each weighted course grade will result in 2/3 increase of a grade point. For example, a student who receives a B- in a weighted class will earn grade points equal to that of a B+. Weighted course also offer an opportunity for students to challenge themselves and to become prepared for postsecondary options.

- AP Calculus
- AP Biology
- Pre-Calculus
- College English
- Accounting
- Physics
- PCC English 101
- PCC English 102

ADVANCED PLACEMENT (AP)

The Advanced Placement (AP) Program is a cooperative educational endeavor between high schools and colleges. Based on the fact that many young people can complete college-level studies in secondary school, it represents a desire of schools and colleges to foster such experiences. Students who take these courses are able to take an Advanced Placement (AP) exam. The Advanced Placement Examinations are offered annually to give high school students opportunities to demonstrate college-level achievement. The approved AP course at Lexington High School is:

- AP Calculus (AB)
- AP Biology

Dual Credit

Dual credit courses are university-level courses taught in high schools to eligible, enrolled students by university-qualified instructors, using the college curriculum. When students successfully complete a dual-credit course, they receive both high school and college credit. A letter grade and university credit hours are awarded by the college or university offering the dual credit course, and a record of that class is kept at that institution, just as if the student had been on-campus taking the class.

- HCC Humanities
- HCC Psychology
- HCC Sociology
- HCC Western Civilizations to 1500
- HCC Digital Media
- HCC Computer Imaging & Design
- PCC English 101
- PCC English 102

While considering what advanced credit classes to enroll in, students should be checking with institutions they plan on attending in the future, to ensure they are taking classes best suited for their college career. The school counselor may be helpful in determining what advanced course are dual credit and to which universities they will transfer. Course transferability cannot be guaranteed.

Most dual credit courses count as high school credit and they do receive a grade; however, they are not included in computing G.P.A. for Lexington High School. The following dual credit courses do count within the G.P.A.: PCC English 101, PCC English 102, HCC Digital Media, and HCC Computer Imaging & Design.



CLUBS, ORGANIZATIONS & ATHLETICS

Lexington High School students are encouraged to actively participate in one or more sponsored activities. Activity participation enables the student to achieve experience in social activities, develop leadership qualities, improve self-confidence, create friendships, and have fun.

<u>Clubs & Organizations</u>	<u>Athletics</u>
Student Council	Basketball
National Honor Society	Baseball
Key Club	Football
Math Team	Wrestling
Scholastic Bowl	Volleyball
Yearbook	Track
FFA	Cheerleading
Book Club	Swimming
Art Club	
Musical	



**NCAA Clearinghouse Approved Courses
Lexington High School Code: 142-610**

Lexington High School athletes who plan to continue athletic competition at the collegiate level must meet certain minimum eligibility requirements set forth by the NCAA. In planning your high school courses, it is important to be aware of what requirements are needed to meet your postsecondary goals. Please make sure to keep track of requirements through the NCAA Clearinghouse. www.ncaaclearinghouse.net or www.eligibilitycenter.org. The following courses have been approved by NCAA Clearinghouse as meeting their “core” requirements.

ENGLISH

English 1
English 2
English 3
College English
American Literature
British Literature

SOCIAL SCIENCE

US History
American Government
Business Law
World Geography
Current Issues
World History
World Geography
HCC Sociology
HCC Psychology

MATHEMATICS

Algebra 1
Algebra 2
Geometry
Pre-Calculus
AP Calculus

NATURAL SCIENCE/PHYSICAL SCIENCE

Physical Science (Lab)
Biology (Lab)
Chemistry (Lab)
Physics (Lab)
Physiology (Lab)

ADDITIONAL CORE CLASSES

Spanish 1
Spanish 2
Spanish 3

Courses are currently being reviewed by NCAA for approved course status. Please check their website for the latest information.

CREDIT RECOVERY OPTIONS

Lexington High School students who need additional credit, due to failed courses, may obtain that credit through an online program called APEX. Apex is a credit recovery program that offers a variety of courses. This is a completely independent online program. Students must meet with the school counselor to register for these classes. There is no cost to the student for these courses.

SCHEDULE CHANGE POLICY

Students are permitted to make schedule changes only when they are clearly warranted. Since registration is completed in early spring prior to the following school year, there is ample time provided for careful planning. The school counselor is available to meet to discuss planning coursework that is consistent with postsecondary goals.

Lexington allows students to change their class schedule within the first **three (3) days** of each semester. Students must meet with the school counselor and complete a schedule change form with parental permission for the change to take place. Students are responsible for making up any work missed in the class change.

English

COURSE SEQUENCE

4 Credits Required

College Bound	College/Career Ready
English 1	English 1
English 2	English 2
English 3	American Literature
College English or Composition 1&2 (Dual Credit)	British Literature

Course Name: English 1 (Required)
Credit: 1.0 **Prerequisite:** None
Class Level: 9 **Course #:** 01001A000
Description: In the first required English course the instruction will focus on the following areas: grammar, vocabulary, composition, and research skills. A study of literature will include the following genres: novels, drama, short stories, and poetry.

Course Name: English 2 (Required)
Credit: 1.0 **Prerequisite:** English 1
Class Level: 10 **Course #:** 01002A000
Description: English 2 offers a balanced focus on composition and literature. Typically, students learn about the alternate aims and audiences of written compositions by writing persuasive, critical, and creative multi-paragraph essays and compositions. Through the study of various genres of literature, students can improve their reading rate and comprehension and develop the skills to determine the author's intent and theme and to recognize the techniques used by the author to deliver his or her message

Course Name: English 3
Credit: 1.0 **Prerequisite:** English 1, 2 & Teacher Placement
Class Level: 11 **Course #:** 01003A000
Description: English 3 courses continue to develop students' writing skills, emphasizing clear, logical writing patterns, word choice, and usage, as students write essays and develop the techniques of argumentative, narrative, and informational writing. Students continue to read works of literature, which often form the backbone of the writing assignments. Literary conventions and stylistic devices may receive greater emphasis than in previous courses.

Course Name: American Literature & Writing
Credit: 1.0 **Prerequisite:** English 1, 2 & Teacher Placement
Class Level: 11, 12 **Course#:** 01054A000
Description: American Literature and Writing provides a chronological study of American Literature that includes novels, short stories, poetry, and drama. An additional focus is on writing about this literature. Grammar and vocabulary lessons are also included. *Offered on rotating basis with British Literature and Writing. 19-20*

Course Name: British Literature & Writing
Credit: 1.0 **Prerequisite:** English 1, 2 & Teacher Placement
Class Level: 11,12 **Course #:** 01056A000
Description: British Literature and Writing provides a theme-based study of British Literature that includes novels, short stories, poetry, and drama through development of advanced reading skills. An additional focus will be writing about this literature as well as creative and research driven composition. Grammar and vocabulary lessons are individualized based on students' needs. *Offered on rotating basis with British Literature and Writing. 18-19*

Course Name: College English (Weighted)
Credit: 1.0 **Prerequisite:** English 1, 2, 3
Class Level: 12 **Course #:** 01004A000
Description: College English is geared to prepare students for the rigors of post-high school education at a four-year college/university. College English is divided into two distinct semesters—one semester focuses on advanced lessons in writing, reading, grammar, and communication while the other semester focuses provides a chronological study of British Literature that includes novels, short stories, poetry, and drama.

Course Name: PCC English 101 **Dual Credit Course (Weighted)**
Credit: 1.0 Elective Credit **Prerequisite:** PCC Placement
Class Level: 12 **Course #:** 01066A000
Description: Essay writing with emphasis on writing process, purpose and audience, critical analysis, focus, organization, development, clarity, and coherence. A grade of C or higher is required to gain Parkland Community College credit for ENG 101 to fulfill IAI General Education Core Curriculum requirements for transfer programs. *This course is offered at Ridgeview High School. Students must provide transportation to RHS to attend.*

Course Name: PCC English 102 **Dual Credit Course (Weighted)**
Credit: 1.0 Elective Credit **Prerequisite:** PCC ENG 102
Class Level: 12 **Course #:** 01066A000
Description: Research paper writing with emphasis on adopting and logically arguing a position, narrowing and supporting a thesis statement, developing effective research techniques, accurately documenting sources with a conventional format, and recognizing the particular needs of an audience. A grade C or higher is required for Composition I to fulfill IAI General Education Core Curriculum requirements for transfer programs. *This course is offered at Ridgeview High School. Students must provide transportation to RHS to attend.*

Course Name: Independent Reading
Credit: 1.0 Elective Credit **Prerequisite:** None
Class Level: 9,10,11,12 **Course #:** 01066A000
Description: Independent Reading is a course intended to improve a student's vocabulary, critical-thinking and analysis skills, or reading rate and comprehension level. Although these courses typically emphasize works of fiction, they may also include works of nonfiction. Students should choose books of High Interest. Independent Reading courses often have a time-management focus, offering strategies for note-taking or for understanding and evaluating the important points of a text.

Math

Course Sequence

3 Credits of Math Required
3-4 Math Courses Recommended for
College Readiness

9	Pre-Algebra	Algebra 1	Algebra 2 Honors
10	Algebra 1	Algebra 2	Geometry Honors
11	Algebra 2	Stem Geometry or Geometry Honors	PreCalculus
12	Geometry or Stem Geometry	Heartland Math or PreCalculus	AP Calculus

Course Name: Pre Algebra
Credit: 1.0 **Prerequisite:** None
Class Level: 9 **Course#:** 02053A000
Description: Pre-Algebra courses increase students' foundational math skills and prepare them for Algebra I by covering a variety of topics, such as properties of rational numbers (i.e., number theory), ratio, proportion, estimation, exponents and radicals, the rectangular coordinate system, sets and logic, formulas, and solving first-degree equations and inequalities.

Course Name: Algebra 1
Credit: 1.0 **Prerequisite:** None
Class Level: 10 **Course#:** 02054A000
Description: Algebra I courses include the study of properties and operations of the real number system; evaluating rational algebraic expressions; solving and graphing first degree equations and inequalities; translating word problems into equations; operations with and factoring of polynomials; and solving simple quadratic equations

Course Name: Algebra 2
Credit: 1.0 **Prerequisite:** Algebra 1
Class Level: 11,12 **Course#:** 02056A000
Description: Year-long course consisting of Algebra including: solving and graphing functions and systems of equations including linear functions, inequalities, quadratic functions, polynomial functions, inverse functions, radical functions, exponential and logarithmic functions, conic sections, trig functions, probability and statistics.

Course Name: Algebra 2 Honors
Credit: 1.0 **Prerequisite:** Algebra 1
Class Level: 9-12 **Course#:** 02056A000
Description: Year-long course consisting of Algebra including: solving and graphing functions and systems of equations including linear functions, inequalities, quadratic functions, polynomial functions, inverse functions, radical functions, exponential and logarithmic functions, conic sections, trig functions, probability and statistics. This course is taught at an accelerated pace and is designed to prepare students for eventual enrollment in Pre-Calculus & AP Calculus.

Course Name: Geometry Honors
Credit: 1.0 **Prerequisite:** Algebra 1 & Algebra 2
Class Level: 10,11,12 **Course#:** 02072A000
Description: Year-long course consisting of: intro into tools of Geometry, reasoning and proof, parallel and perpendicular lines, triangles, quadrilaterals, polygons, and circles, proportions and similarity, trigonometry, transformations and symmetry, surface area and volume, probability and statistics. This course is taught at an accelerated pace and is designed to prepare students for eventual enrollment in Pre-Calculus & AP Calculus.

Course Name: STEM Geometry
Credit: 1.0 **Prerequisite:** Algebra 1 & Algebra 2
Class Level: 10,11,12 **Course#** 02072A000
Description: STEM Geometry is a hands on class in which students will put Science, Technology, Engineering Design, and Math concepts together to accomplish given tasks. The projects will encompass all areas of STEM but the primary focus will be on the Geometry concepts. Geometry concepts covered will include an in depth study of trigonometry, angles, triangles, parallel and perpendicular lines, circles and parabola.

Course Name: Pre-Calculus
Credit: 1.0 **Prerequisite:** Algebra 1, 2 & Geometry
Class Level: 11, 12 **Course#:** 02110A000
Description: This is a course to prepare students for Calculus. It includes intensive work in trigonometry. Also included is coordinate geometry, conic sections, functions, polynomials, inequalities, exponents, logarithms, polar coordinates, sequences and series, matrices, and introduction to derivatives and limits.

Course Name: A.P. Calculus (Weighted)
Credit: 1.0 **Prerequisite:** Pre-Calculus
Class Level: 12 **Course #:** 0212A000
Description: A.P. calculus is the first semester college calculus course taken over two semesters. This class will cover all Calculus topics covered by the AP Calculus AB exam. The student will be required to pay for the A.P. exam (calculus AB). The cost is approximately \$91.00. This class includes intensive preparation for the Calculus AB exam given in May each year. Successful scores on this exam will earn the student credit for the first semester calculus course at all quality colleges.

Course Name: College Preparatory Math
Credit: 1.0 **Prerequisite:** 3 Years Math
Class Level: 11, 12 **Course#:** 020702A000
Description: The goal of the College Prep Math course is to prepare the student for enrollment in a for-credit college math course. Please note that this course is not for college credit. It is designed to prepare students for a college level math course after high school graduation. This online math course is designed so that students who successfully complete the required modules are eligible for placement in a for-credit math course at Heartland Community College.

Science

2 Credits Required

3 Credits or more recommended for College Readiness

Course Sequence

2 Credits of Science Required

9	Physical Science	Physical Science	Physical Science
10	Biology	Biology	Biology or Chemistry
11		Chemistry	Chem 1 or Chem 2 or/and Physiology
12			Physiology or Chemistry 2 or Physics or/and AP Biology

Agricultural Science courses may be used to meet the science requirement.

2 Science Credits Required

9	Intro to AG*
10	Agricultural Science
11	Animal Science
12	Vet Science or Biological Science Applications in Agriculture

Course Name: Physical Science
Credit: 1.0 **Prerequisite:** None
Class Level: 9 **Course#:** 03159A000

Description: This is a required course for all freshmen. This course is designed to be a survey course of Chemistry and Physics. One semester will focus on topics in Physics such as force, motion, and energy while the other semester focuses on Chemistry covering such topics as atomic structure, bonding, and reactions. The course is aimed at the understanding of concepts, not so much as the ability to solve complex mathematical problems.

Course Name: Biology
Credit: 1.0 **Prerequisite:** Physical Science
Class Level: 10 **Course#:** 03051A000

Description: This is a required course for all sophomores. We begin with an introduction to ecology, environmental concerns, population dynamics, and change over time. We explore concepts which involve cellular metabolism, Mendelian Genetics, and patterns of inheritance.

Course Name: Chemistry 1
Credit: 1.0 **Prerequisite:** B, Algebra &/or Honors Geometry
Class Level: 11, 12 **Course#:** 0301A000

Description: Survey course of the basic principles of chemistry intended primarily for college-bound students. Major topics include: atomic structure, bonding, chemical equations, stoichiometry, energy changes, gases, solutions, acids and bases, the metric system and problem solving. This course is math intensive so a good understanding of algebra is essential. Laboratory exercises are used with every major topic.

Course Name: Chemistry 2
Credit: 1.0 **Prerequisite:** Chemistry 1
Class Level: 11, 12 **Course#:**

Description: This course is a continuation of Chemistry 1. Topics include liquid and solid states, solution, acids and bases, equilibrium states, electrochemistry, radioactivity, organic chemistry and biochemistry. Laboratory exercises will be used to compliment all topics. Students will be expected to conduct independent research in the lab.

Course Name: **Physiology**

Credit: **1.0** **Prerequisite:** **Biology**

Class Level: **11, 12** **Course#:** **03055A000**

Description: This course is designed to provide accurate information about the structure and the functions of the human body. Students pursuing careers in allied health fields, fitness, or required college-type classes should benefit greatly. Throughout the year topics covered include: body organization, cellular metabolism, tissues, and organ systems of the body. Each body system will be studied in depth using a college-level textbook as well as a laboratory manual. Some lab exercises will include dissections.

Course Name: **Physics (Weighted)**

Credit: **1.0** **Prerequisite:** **B average in Algebra 2, Chemistry**

Class Level: **11, 12** **Course#:** **03151A000**

Description: This course covers the essential concepts of physics: interrelationships between matter and energy. Problem solving skills are intertwined with the pertinent theories and laws that govern our universe. Although Newtonian physics is the main focus, quantum physics is introduced. Logical reasoning is emphasized. Specific topics include mechanics (forces and motion), heat, light, electricity and sound. This course is laboratory intensive.

Course Name: **AP Biology (Weighted)**

Credit: **1.0** **Prerequisite:** **B average Biology**

Class Level: **12** **Course#:** **03056A000**

Description: This is an introductory college course for accelerated students with a special interest in biology. The course satisfies and exceeds the requirements set by the College Board for AP Biology. Emphasis on molecular and cell physiology, genetics, organisms and populations, evolution, and ecology. Comprehensive lab tests and laboratory work are required.

Social Studies

2 Credits Required for Graduation
3 + Recommended for College Readiness

9	US History (Required)
10	American Government/Consumer Education (Required)
11	Elective- World Geography, Current Issues, Dual Credit Western Civilizations
12	Elective- World Geography, Current Issues, Dual Credit Western Civilizations

Course Name: U.S. History (Required)

Credit: 1.0 **Prerequisite:** None

Class Level: 9 **Course#:** 04101A000

Description: This course covers the history of the United States starting with The Civil War and continuing to present day. Students will gain an appreciation for the history of the U.S. as we study the impact of world events on the United States and understand that we are part of an international community of nations. We will focus on the historical impact of various groups of people such as immigrants, African Americans, and women.

Course Name: American Government (Required)

Credit: 0.5 **Prerequisite:** None

Class Level: 10, 11, 12 **Course#:** 0415A000

Description: Students will become familiar with the workings of the American Government and its political process, as well as an in depth look at the provisions of the US Constitution. We will also cover the general provisions of the Illinois Constitution and general flag etiquette. Students must not only pass this class as a requirement for graduation, but must also pass a cumulative test on the US Constitution, Illinois Constitution and Flag. We will also cover the role of the citizens in a democracy.

Course Name: Consumer Education (Required)
Credit: 0.5 **Prerequisite:** None
Class Level: 10,11,12 **Course#:** 22210A001
Description: This course provides students with an understanding of the concepts and principles involved in managing one's personal finances. Topics may include savings and investing, credit, insurance, taxes and social security, spending patterns, budget planning, contracts and consumer protection.

Course Name: World Geography
Credit: 1.0 **Prerequisite:** None
Class Level: 9-12 **Course#:** 04001A000
Description: World Geography courses provide students with an overview of world geography, but may vary widely in the topics they cover. Topics typically include the physical environment; the political landscape; the relationship between people and the land; economic production and development; and the movement of people, goods, and ideas.

Course Name: World History
Credit: 1.0 **Prerequisite:** None
Class Level: 9-12 **Course#:**
Description: World History is a study of modern history, including the following: foundations of world religions and beliefs, exploration, intellectual revolutions, violent revolutions, industrial revolution, nationalism/imperialism through the world wars, cold war, the quest of countries seeking independence and changes in current global patterns.

Course Name: Current Issues*
Credit: 1.0 **Prerequisite:** None
Class Level: 9-12 **Course#:** 04064A000
Description: Contemporary U.S. Issues courses study the political, economic, and social issues facing the United States, with or without an emphasis on state and local issues. These courses may focus on current issues or may examine selected issues that span throughout the 20th century to the present. **This course may be repeated**

Course Name: HCC-Psychology
Credit: 0.5 (Dual-Credit through HCC-3 credit hours)
Prerequisite: Placement Test **Class Level:** 11,12
Description: The study of psychology as a science and the determinants of human personality and functioning. This course also focuses on how we may use the principles of physical and emotional/ cognitive growth, learning, personality functioning and coping and social interactions in our everyday lives. *(This course does count for Lexington High School Credit; however, it does not count in figuring GPA) Offered on a rotating basis. 19-20 School Year*

Course Name: HCC-Sociology
Credit: 0.5 (Dual-Credit through HCC-3 credit hours)
Prerequisite: Placement Test **Class Level:** 11,12
Description: This course provides an introduction to the scientific study of society. Topics include power and inequality, change, deviance, education, occupations, organizations, family, gender, religion and racial/ethnic groups. Students will develop a critical understanding of social forces. *(This course does count for Lexington High School Credit; however, it does not count in figuring GPA) Offered on a rotating basis. 19-20 School Year*

Course Name: HCC-Intro to Humanities (Course Online)
Credit: 0.5 (Dual-Credit through HCC-3 credit hours)
Prerequisite: Placement Test **Class Level:** 11, 12
Description: Introduction to the Humanities is the study of social and cultural values as expressed through the major art forms, including painting, sculpture, architecture, literature, drama, music, dance, film, and photography. The course will examine the elements and formal qualities that are characteristic of each art form, the relationships between the arts, and the social and historical contexts from which they developed. *(This course counts as Lexington High School Credit; however, it does not count in figuring the GPA) Offered on a rotating basis. 18-19 School Year*

Course Name: HCC-Western Civilizations to 1500 (Course Online)
Credit: 0.5 (Dual-Credit through HCC-3 credit hours)
Prerequisite: Placement Test **Class Level:** 11, 12
Description: This course covers the main stream of Western civilization from the first millennium B.C. to 1500. The course considers religious, economic, and cultural trends and developments as well as the major political events of the period. The focus of the course is on Europe but the great Middle Eastern civilizations and cultural contributions are considered as they impact Europe and help shape the West. Special attention is given to individuals and their contributions as well as to the rise of nations. IAI GEC Code - S2 902 *(This course counts as Lexington High School Credit; however, it does not count in figuring the GPA) Offered on a rotating basis. 18-19 School Year*

Fine Art

1 Credit Required (FA,VOC,BUS)

2 Fine Art/Vocational/Foreign Language/Business

Recommended for College Readiness

Course Name: **Introductory Art**

Credit: **1.0**

Prerequisite: **None**

Class Level: **9-12**

Course#: **05154A000**

Description: This year long course will include general art techniques such as basics of drawing, painting, printmaking, ceramics, sculpture, photography, and digital media, as well as general art history topics. The course will also offer an in-depth investigation of the design process and color theory.

Course Name: **Photography**

Credit: **0.5**

Prerequisite **Introductory Art**

Class Level: **10-12**

Course#: **05167A000**

Description: Photography courses expose students to the materials, processes, and artistic techniques of taking artistic photographs. Students learn about the operation of a camera, composition, lighting techniques, depth of field, filters, camera angles, and film development. The course may cover black-and-white photography, color photography, or both. As students advance, the instruction regarding the creative process becomes more refined, and students are encouraged to develop their own artistic style. These courses may also cover major photographers, art movements, and styles. *Class rotates every other year. 19-20*

Course Name: **Design**

Credit: **0.5**

Prerequisite: **Introductory Art**

Class Level: **10-12**

Course#: **05162A000**

Description: The course is a semester-long course. The course will expand on the design process and introduce concepts from industrial design, graphic design, marketing, basic business models, and graphic design. Students will create and develop a product for consumers, create a business model, market their product, and create a virtual storefront to distribute their product. *Class rotates every other year. 19-20*

Course Name: **Mixed Media**

Credit: **0.5**

Prerequisite: **Introductory Art**

Class Level: **10-12**

Course#: **05164A000**

Description: The course is a semester-long course. Students will investigate a variety of media and learn how to combine them creatively and effectively, including fibers, collage, hardware, and adhesives. The course will also focus on history and contemporary use of each medium. *Class rotates every other year. 19-20*

Course Name: Painting
Credit: 0.5 **Prerequisite:** Introductory Art
Class Level: 10-12 **Course#:** 05157A000
Description: The course is a semester-long course. The course will include general painting techniques including media use, acrylic paint processes, representational painting, abstract, mixed media processes, and canvas building. The course will expand on color theory, the design process, and general painting history. *Class rotates every other year. 19-20*

Course Name: Drawing
Credit: 0.5 **Prerequisite:** Introductory Art
Class Level: 10-12 **Course#:** 55156A000
Description: This course focuses on drawing. In keeping with this attention on two-dimensional work, students typically work with several media (such as pen-and-ink, pencil, chalk). *Class rotates every other year. 18-19*

Course Name: Printmaking
Credit: 0.5 **Prerequisite:** Introductory Art
Class Level: 10-12 **Course#:**
Description: This course introduces students to a variety of printmaking techniques using processes such as relief printing (monoprint, collagraph block); intaglio (etching and engraving); and perigraph (silkscreen films, stencils, block-out). These courses emphasize design elements and principles and introduce art criticism as applied to fine art prints. Lessons may also include the historical development of printmaking in Western and non-Western cultures. *Class rotates every other year. 18-19*

Course Name: Ceramics
Credit: 0.5 **Prerequisite:** Introductory Art
Class Level: 10-12 **Course#:** 05156A000
Description: This course focuses on creating three-dimensional works out of clay and ceramic material. Particular attention is paid to the characteristics of the raw materials, their transformation under heat, and the various methods used to create and finish objects. *Class rotates every other year. 18-19*

Course Name: Sculpture
Credit: 0.5 **Prerequisite:** Introductory Art
Class Level: 10-12 **Course#:**05158A000
Description: This course focuses on creating three-dimensional works. Students typically work with several media (such as wood, metals, textiles). *Class rotates every other year. 18-19*

Course Name: Art Portfolio (Independent Study Course)
Credit: 1.0 **Prerequisite:** Intro Art & Teacher Referral
Class Level: 11-12 **Course#:** 05170A000
Description: The course is a year-long course. The course will include the investigation of each individual's specific art goals. Students will work one-on-one with the course instructor on building and distributing an art portfolio. This course will be studio-based, but will also include extended dialogue during peer reviews, visiting artist presentations, and academic research. Portfolio Art will serve as college preparation.

Course Name: Chorus
Credit: .5 Per Year **Prerequisite:** None
Class Level: 9-12 **Course#:** 05110A000
Description: All chorus members participate in concerts, caroling, and graduation. Class time is spent working on correct breathing techniques, rhythms, intonation, phrasing, sight reading and balance needed for a successful performance. In addition, students are given the opportunity to audition for and participate in contests and festivals for local organizations.

Course Name: Band
Credit: .5 Per Year **Prerequisite:** Prior music exposure/Approval
Class Level: 9-12 **Course#:** 05101A000
Description: All band members participate in marching, concert and pep bands. The band prepares and performs different styles of music for concerts, parades, and contests. Class time is spent working on correcting necessary elements within the ensemble (balance, blend, intonation, rhythm, style, phrasing, etc.) needed for a successful performance. Basic music theory and history will also be taught as an integral part of performance. All band members also perform for graduation. Students will also have the opportunity to perform solos and small ensembles at contest.

Course Name: Music of the Modern Day
Credit: 1.0 **Prerequisite:** None
Class Level: 9-12 **Course#:** 05149A000
Description: This year long course takes participants through basic music theory to popular music trends of today. Join us for an engaging project based course that will no doubt expand one's understanding of and ability to create music of the modern day!

Foreign Language

How many foreign language classes do I need? Here at Lexington High School, we require 1 year of foreign language or fine art to graduate. However, most colleges recommend taking two years of the same foreign language for admission. ACT and College Board both recommend that students continue to take foreign language as a preparation for college readiness.

Spanish language courses begin with an introduction to the language, culture, and geography. Each level builds on the previous course in the difficulty of vocabulary, grammar, and reading. Foreign language courses must be taken consecutively.

Course Name:	Spanish 1	
Credit:	1.0	Prerequisite: None
Class Level:	9-12	Course#: 06101A000

Course Name:	Spanish 2	
Credit:	1.0	Prerequisite: Spanish 1
Class Level:	9-12	Course#: 06012A000

Course Name:	Spanish 3	
Credit:	1.0	Prerequisite: Spanish 2
Class Level:	10-12	Course#: 06103A000

Health/P.E./ Driver's Ed.

Course Name: Physical Education
Credit: 1.0 **Prerequisite:** None
Class Level: 9-12 **Course#:** 08001A000
Description: The Physical Education program at Lexington High emphasizes health-related fitness components of flexibility, cardiovascular fitness, muscular strength, muscular endurance, and body composition. Lifetime activities are also emphasized that can be enjoyed by all students regardless of their strengths or limitations. Cardiovascular fitness is an integral part of total fitness and is a major part of our program.

Course Name: Fitness PE
Credit: 1.0 **Prerequisite:** Athlete
Class Level: 9-12 **Course#:** 08005A000
Description: Fitness Physical Education will consist of fitness and conditioning activities. This course emphasizes conditioning activities that help develop muscular strength, flexibility, and cardiovascular fitness.

Course Name: Health (Required)
Credit: 0.5 **Prerequisite:** None
Class Level: 9-12 **Course#:** 08051A000
Description: This is a discussion based class that covers a wide range of current health issues including: Substance abuse, first aid and CPR, human sexuality, assertiveness training, death and dying, emotional health, personality development, aids education, functional and dysfunctional family systems, and any other topics that are current and relevant. The emphasis of this class is on discussion. A daily participation grade is kept. The format of the class is lecture - discussion, with a variety of guest speakers, field trips, and videos used to enhance the education of students. This class must be successfully completed to graduate from high school.

Course Name: Driver's Ed Classroom
Credit: 0.25 **Prerequisite:** Age 15
Class Level: 9-12 **Course#:** 08151A000
Description: Classroom-30 hrs. 1st week-Illinois Rules of Road- must pass state test. Student must pass course to get Illinois driver's license.

- Pass 8 courses during previous two semesters
- 250.00 fee to Lexington High School (Due at school registration)
- 20.00 fee to Secretary of State (White Slip)

Course Name: Driver's Ed Behind The Wheel
Credit: 0.0 **Prerequisite:** Driver's Ed./ Valid White Slip/ 50 Hours
Class Level: 9-12 **Course#:** N/A
Description: Six hours of driving with instructor. Drive in town, country, highways and interstate. Students will learn all car maneuvers. The last lesson is a solo driving test in Lexington. Students must pass this course to obtain an Illinois driver's license. This course will appear as Pass/Fail on report card and transcript.

Physical Education Exemption Policy

The School Code of Illinois requires daily physical education for all students during each semester of attendance in high school. Therefore, every student **must** register for a physical education class. There are, however, a few reasons for which students may request exemptions from participation in physical education. They are listed below:

1. Students enrolled in Health Education, or Driver Education may be *exempted* from enrolling in physical education during the semester they are attending said courses.
2. Students participating in any of the following extracurricular activities: interscholastic athletic may be *waived* from participation in their physical education class.
3. Students that must take an additional course to meet high school graduation requirements as a result of previous failure or academic difficulty may be exempted from enrolling in physical education. This action requires approval from the principal.
4. Students that are required, through established university guidelines; to take a course to meet entrance requirements may be exempted from enrolling in physical education. This requirement must be verified in writing from the university and approved by the principal.

Business & Technology

1 Credit Required (FA,VOC,BUS)

2 Fine Art/Vocational/Foreign Language/Business

Recommended for College Readiness

Course Name: Intro to Business

Credit: 1.0 Prerequisite: None

Class Level: 9-12 Course#: 12001A001

Description: A general course presenting all aspects of business including economics, management, marketing and advertising. This course is designed to introduce students to a wide array of business topics using projects as well as in-class activities.

Course Name: Accounting (Weighted)

Credit: 1.0 Prerequisite:

Class Level: 11, 12 Course#: 12104A001

Description: Accounting is a first year accounting course that provides a brief but comprehensive introduction to accounting. It gives students a basic understanding of accounting principles and procedures used for recording, classifying, and summarizing financial data. Students also learn accounting terminology and are introduced to the financial forms, records, and statements used in the business world. NOTE: This course is offered bi-annually and on a rotating basis.

Course Name: Business Law

Credit: 1.0 Prerequisite: None

Class Level: 11,12 Course#: 12054A001

Description: A course with emphasis on various aspects of business, criminal and family law. The course includes information pertaining to individuals such as contracts, estate planning and marriage. Students also participate in a mock trial competition against other schools where each person is assigned a role as either a lawyer or a witness. NOTE: This course is offered bi-annually and on a rotating basis.

Course Name: Yearbook Design

Credit: 0.5 Prerequisite: None

Class Level: 10,11,12 Course#: 1115A001

Description: Concepts of journalism are integrated into this course including how to interview, research, organize and write stories for publication. The main coursework is centered on the production of the high school yearbook, but may also include other print, graphic, and video projects. Note: 2nd semester only.

Course Name: Game Development
Credit: 0.5 **Prerequisite:** None
Class Level: 9,10,11,12 **Course#:** 10201A001
Description: Become a game programmer capable of building programs from scratch including graphics and powerful processing. Students will be introduced to game programming and computer animation used to develop interactive software. Concepts include programming logic, sprite creation, game interaction, and user interfaces.

Course Name: HCC Introduction to Digital Media (DMED 101)
Credit: 0.5 **Prerequisite:** None, HCC Placement
Class Level: 9,10,11,12 **Course#:** 10201A001
Description: DMED 101 is an introduction to the major media forms used in Digital Media production, including print design, web design, audio production, video production, animation and authoring tools. Students will also investigate the impact of digital media on society and current issues in media and technology. Basic computer skills will be expected in the areas of word processing, graphic and paint programs. *3 credit hours, may transfer*

Course Name: HCC Computer Imaging & Design (DMED 120)
Credit: 0.5 **Prerequisite:** None, HCC Placement
Class Level: 9,10,11,12 **Course#:** 10201A001
Description: An introduction to creating and manipulating digital images. Emphasis is placed on studying and applying basic design concepts, while dealing with common print, video and computer designing challenges faced in the business world. Computer graphic programs, including Adobe Photoshop, Illustrator and InDesign or Quark will be used. *3 credit hours, may transfer*

Agriculture

Agricultural Science may be used to meet the science requirement.

2 Science Credits Required

9	Intro to AG*
10	Agricultural Science
11	Animal Science
12	Vet Science or Biological Science Applications in Agriculture

Introduction to Agriculture is not a science credit; however, it is a prerequisite to the AG Science courses

Course Name: Introduction to Agriculture, Food, and Natural Resources
Credit: 1.0 **Prerequisite:** None
Class Level: 9,10,11,12 **Course#:** 18001A001
Description: Students participating in the Introduction to Agriculture, Food, and Natural Resources course will experience hands-on activities, projects, and problems. Student experiences will involve the study of communication, the science of agriculture, plants, animals, natural resources, and agricultural mechanics. While surveying the opportunities available in agriculture and natural resources, students will learn to solve problems, conduct research, analyze data, work in teams, and take responsibility for their work, actions, and learning.

Course Name: Basic Agriculture Mechanics
Credit: 1.0 **Prerequisite:** Intro to Ag
Class Level: 10,11,12 **Course#:** 18403A001
Description: In this course, theory and hands-on experiences provide opportunities for students to develop basic knowledge and skills in agricultural mechanics. Instructional areas include the basic fundamentals of maintaining and repairing small gasoline engines, basic electricity, welding, carpentry, cold metal work, and operating agricultural equipment safely.

Course Name: Agriculture Business
Credit: 1.0 **Prerequisite:** Intro to Ag
Class Level: 10,11 **Course#:** 18201A001
Description: This course will develop students' understanding of the agricultural industry relating to the United States and World marketplace. Instructional units include: business ownership types, planning and organizing the agribusiness, financing the agribusiness, keeping and using records in an agribusiness, operating the agribusiness, agricultural law, taxes, and developing employability skills. Student skills will be enhanced in math, reading comprehension, and writing through agribusiness applications. Improving computer and workplace skills will be a focus.

Course Name: Agriculture Science
Credit: 1.0 **Prerequisite:** Intro to Ag
Class Level: 10,11,12 **Course#:** 18003A001
Description: This orientation course builds on basic skills and knowledge gained in the Introduction to the Agricultural Industry course. Major units of instruction include agricultural research, soil science, advanced plant science, biotechnology, advanced animal science. Applied science and math skills and concepts will be stressed throughout the course as they relate to each area. Improving computer and workplace skills will be a focus.

This course counts as a science credit toward high school graduation.

Course Name: Vet Science
Credit: 1.0 **Prerequisite:** Animal Science
Class Level: 10,11,12 **Course#:** 18105A001
Description: This course will develop students' understanding of the small and companion animal industry, animal anatomy and 253 physiology, animal ethics and welfare issues, animal health, veterinary medicine, veterinary office practices, and animal services to humans. Career exploration will focus on veterinarian, veterinary lab technicians, office lab assistant, small animal production, research lab assistant, and animal nutrition lab technician.

Course Name: Animal Science
Credit: 1.0 **Prerequisite:** Intro to Ag
Class Level: 9,10,11 **Course#:** 18101A001
Description: This course will develop students' understanding of the livestock (beef, dairy, sheep, goats, and swine), poultry, and large (equine) animal industry. Topics of instruction include scientific investigations, genetics, animal anatomy and physiology, animal nutrition, animal reproduction, animal health, meat science, animal ethics and welfare issues, animal health, and veterinary medicine.

This course counts as a science credit toward high school graduation.

Course Name: Horticulture

Credit: 1.0 Prerequisite: Intro to Ag

Class Level: 9,10,11 Course#: 18052A000

Description: This course is designed to introduce students to the horticulture industry and provide them with basic plant science knowledge that can be further developed in advanced horticulture courses. Major units of instruction include horticulture research, horticultural careers, plant anatomy, seed germination, plant propagation, growing media, pest management, hydroponics, identifying horticultural plants, growing greenhouse crops, floral design, and landscape design.

This course counts as a science credit toward high school graduation.

Course Name: Biological Science Applications in Agriculture

Credit: 1.0 Prerequisite: Intro to Ag

Class Level: 11,12 Course#: 18051A002

Description: Students will examine major phases of plant growth and management in agriculture and the specific biological science concepts that govern management decisions. Topics of study are in the areas of initiating plant growth – germination, plant sensory mechanisms, enzyme action, absorption, and managing plant growth – photosynthesis, respiration, translocation, metabolism, and growth regulation. Students will examine major phases of animal agriculture and specific biological science concepts that govern management decisions in the animal industry. Topics of study are in the areas of growth and development of animals – embryology, ethology, nutrition, immunity systems, and processing animal products – preservation, fermentation, and pasteurization.

This course counts as a science credit toward high school graduation.

Course Name: Natural Resources and Conservation Management

Credit: 1.0 Prerequisite: Intro to Ag

Class Level: 9,10,11 Course#: 18504A002

Description: This course develops management and conservation skills in understanding the connection between agriculture and natural resources. Student knowledge and skills are developed in: understanding natural resources and its importance; fish, wildlife, and forestry management and conservation; and exploring outdoor recreational enterprises. Hunting and fishing as a sport, growing and managing tree forests, and outdoor safety education will be featured. Career exploration will be discussed including: park ranger, game warden, campground manager, forester, conservation officer, wildlife manager, and related occupations.

Course Name: SAE
Credit: .25 **Prerequisite:** None
Class Level: 9-12 **Course#:** 18998A001

Description: This course is designed to establish knowledge and skills in various agricultural careers. Students will gain credit by establishing a project at their home, at a local business, or at their school usually after normal school hours. Example projects may include, but are not limited to: working at a garden center, raising vegetables/grain/livestock, conducting agri-science experiments in a greenhouse, and training horses at a stable. Students will be required to verify their experiences by keeping written or computerized records including: business agreements, budgets, inventories, daily activities, hours worked, income and expenses, total earnings, depreciation, and net worth. Instructor supervision will be conducted to the student's home or place of employment. SAE records should be evaluated at least once per month. In addition, SAE lessons are integrated in each agricultural course. SAE participation can lead to full-time employment, scholarships, and awards through the FFA.

Future Farmers of America Organization

Vocational

Course Name: **Bloomington Area Career Center**
Credit: **2 Per Semester** **Prerequisite:** **Application Process**
Class Level: **11,12** **Course#:** **Varies**

The Lexington School District is a member of the Bloomington Area Career Center (BACC). BACC offers courses that are not available here at Lexington High School. This vocational program is available to qualified juniors and seniors. The high school principal must approve all schedules of students enrolling in these courses.

Complete course descriptions of BACC courses are available from the school counselor or can be found online at: www.district87.org. Courses in which students may enroll are:

Automotive Technology 1 & 2
Civil Engineering & Architecture
Computerized Architecture Design (CAD)
Computer Technology & Networking
Construction Trades
Cosmetology
Criminal Justice & Law Enforcement
Culinary Arts 1 & 2
Emergency Medical Technician Basic, Senior Only
Fire Science
Graphic Design & Video Production
Health Careers & Medical Terminology
Metalworking
Nurse Assisting

Students must apply to attend BACC. Applications are available in the fall and students will be notified in the spring if they have received placement for BACC. There are factors that will be considered for approval to attend BACC:

- Students' prior attendance & academic record
- Students' behavioral record
- Students' graduation requirements

Students must maintain a C average while in their BACC program. Lexington High School does not provide transportation for these programs.

Course Name: Cooperative Occupations
Credit: 2 Per Semester **Prerequisite:** Application Process
Class Level: 12 **Course#:** Varies
Description: Cooperative Occupations is a capstone course designed to assist students in the development of effective business skills, communications skills and practical instruction through school instruction and on-the-job through cooperative education. Students who take this course are required to maintain employment throughout the length of the course. Classroom instruction includes occupational survival skills, essential character traits, and basic communication as well as relations within the workforce.

*Students receive 1 credit for the course per year and 1 credit for work experience.
Students must provide their own transportation to and from work.*