



# LHS Course Request Options

## 2019-2020 School Year



- **LHS Course Guide** and course descriptions available online at <http://lhs.lexington1.net>
- **Full Lexington School District One Course Guide** available online at <http://www.lexington1.net/i-am/a-student/course-catalog/course-catalog-2019-2020>
- Prerequisites are listed **UNLESS** it is a numbered class. (Example, you must complete English 1 before you enroll in English 2)
- Linked courses are boxed- you **must** request both courses.
- Applications are linked to courses that require an application.

**All courses are available to 10-12 grades unless otherwise noted.**

**All courses earn 1 credit unless otherwise noted.**

### ENGLISH

- English 1
- English 1 Honors
- English 2
- English 2 Honors
- English 2 Honors- Pre IB
- English 3
- English 3 Honors
- English 4
- AP English Language and Composition Prereq: English 3
- AP English Literature and Composition Prereq: English 3
- English 101 (Dual Enrollment) (11, 12) Prereq: 3.0+ GPA AND ACT score of 19 OR SAT/PSAT score of 900
- English 102 (Dual Enrollment) (11, 12) Prereq: English 101 or passing score in AP English

### MATH

- Foundations in Algebra
  - Algebra 1
  - Algebra 1 Honors
  - Intermediate Algebra Prereq: Foundations in Algebra
  - Algebra 2
  - Algebra 2 Honors
  - Algebra 2 Honors Pre-IB
  - Geometry
  - Geometry Honors Prerequisite: Algebra 1
  - Geometry Honors Pre-IB Prerequisite: Algebra 1
  - Probability and Statistics Prerequisite: Algebra 1
- |                         |                           |
|-------------------------|---------------------------|
| AP Statistics           | 1.5 Credits total         |
| AP Stats Lab Honors     | Must Request Both Courses |
| Prerequisite: Algebra 2 |                           |
- Discrete Mathematics Prerequisites: Algebra 1, Geometry
  - Algebra 3
  - Pre-Calculus Prerequisites: Algebra 2, Geometry
  - Pre-Calculus Honors Prerequisites: Algebra 2, Geometry
  - Calculus Prerequisite: Pre-Calculus

AP Calculus AB	1.5 credits total
AP Calculus AB Lab Honors	Must Request Both Courses
Prerequisite: Pre-Calculus	

AP Calculus BC (**Must also take AP Cal. AB** 2 credits)  
Prerequisite: Pre-Calculus Honors

### SCIENCE

- Physical Science
- Biology 1
- Biology 1 Honors
- Biology 1 Honors Pre-IB
- Biology 2 (11, 12)

AP Biology	2 credits total
AP Biology Preparation Lab HNS	Must Request Both Courses
Prerequisite: Biology 1	

- Environmental Science
- Marine Science Prerequisite: Biology 1
- Anatomy and Physiology (11, 12) Prerequisite: Biology 1
- Chemistry 1 Prerequisites: Biology 1, Algebra 1
- Chemistry 1 Honors Prerequisites: Biology 1, Algebra 2
- Chemistry 1 Honors Pre-IB Prerequisites: Biology 1, Algebra 2
- Chemistry 2 Prerequisites: Chemistry 1, Algebra 2

AP Chemistry	2 credits total
AP Chemistry Lab Honors	Must Request Both Courses
Prerequisites: Chemistry 1, Algebra 2	

Physics (11, 12) Prerequisites: Biology 1, Algebra 2, Geometry

AP Physics 1 (11, 12)	Prerequisite: Pre-Cal	1.5 credits
AP Physics Lab (11,12)	Must Request Both Courses	

- AP Physics C Mechanics (12) Prerequisites: Physics Honors or AP Physics, AP Calculus
- AP Physics C Electricity & Magnetism (12) Prerequisites: Physics HN or AP, AP Calculus

- Earth Science
- Astronomy (11, 12) Prerequisites: Biology 1, Algebra 2
- Chemistry 105 (Dual Enrollment) (11, 12) 3.0+ GPA AND ACT score of 19 OR SAT/PSAT score of 900

## SOCIAL STUDIES

U.S. History (11)

AP U.S. History (11)	2 credits total
AP US History Prep Honors	Must Request Both Courses

American Government (11, 12) .5 credit

AP U.S. (American) Government (11, 12)

Economics (11, 12) .5 credit

AP Microeconomics (11, 12) (Audition Required)

AP Macroeconomics (11, 12) Prerequisite: Algebra 2

World Geography

AP Human Geography

World History

AP World History

Law Education

Psychology (11, 12) .5 credit

AP Psychology (11, 12)

Sociology (11, 12) .5 credit

History 111 (Dual Enrollment) (11, 12) Prerequisite 3.0+ GPA AND ACT score of 19 OR SAT/PSAT score of 900

History 112 (Dual Enrollment) Prerequisite 3.0+ GPA AND ACT score of 19 OR SAT/PSAT score of 900

Sociology 101 (Dual Enrollment) (11, 12) Prerequisite 3.0+ GPA AND ACT score of 19 OR SAT/PSAT score of 900

Psychology 103 (Dual Enrollment) (11, 12) Prerequisite 3.0+ GPA AND ACT score of 19 OR SAT/PSAT score of 900

## WORLD LANGUAGE

French 1

French 2

French 3

French 3 Honors

French 4 Honors

French 5 Honors

AP French Prerequisite: Proficiency at or above 14

French 122 Prerequisite 3.0+ GPA AND ACT score of 19 OR SAT/PSAT score of 900

German 1

German 2

German 3

German 3 Honors

German 4 Honors

German 5 Honors

AP German Prerequisite: Proficiency at or above 14

Latin 1

Latin 2

Latin 3 Honors

Latin 4 Honors

AP Latin	1.5 credits total
AP Latin Preparation Lab Honors	Must Request Both Courses
Prerequisite: Latin 3	

Spanish 1

Spanish 2

Spanish 3

Spanish 3 Honors

Spanish 4 Honors

Spanish 5 Honors

Spanish 3 Honors E Immersion

Spanish 4 Honors E Immersion

Spanish 5 Honors E Immersion

Immersion Bridge to College and Career (WL Bridge)

AP Spanish Prerequisite: Proficiency at or above 14

Spanish 121 Prerequisite 3.0+ GPA AND ACT score of 19 OR SAT/PSAT score of 900

Russian 1

Russian 2

Russian 3

## FINE ARTS

Art 1

Art 2

Art 3 Honors Prerequisite: Art 2

Art: 3-D Design 2 Prerequisite: Art 1

Art: 3-D Design 3 Honors (11, 12) Prerequisite: 3-D Design 2

Media Arts Prerequisite: Art 1

Photography 1 Prerequisite: Art 1

Photography 2

Art 4 Honors Prerequisite: Level 2 Art class

AP Studio Art (Drawing) (11, 12) Must also take Art 4 HN

AP Studio Art (2D Design) (11, 12) Must also take Art 4 HN

AP Studio Art (3D Design) (11, 12) Must also take Art 4 HN

Band 1 AND Band 1 (Spring) (Audition Required)

Band 2 AND Band 2 (Spring) (Audition Required)

Band 3 HNS AND Band 3 HNS (Spring) (Audition Required)

Percussion (Audition Required)

Band- Flags 1 (Audition Required)

Band- Flags 2 (Audition Required)

Band- Flags 3 (Audition Required)

Band- Flags 4 (Audition Required)

Jazz Band 1 (Audition Required)

Jazz Band 2 (Audition Required)

Jazz Band 3 Honors (Audition Required)

Orchestra 1 (Audition Required)

Orchestra 2 (Audition Required)

Orchestra 3 Honors (Audition Required)

Piano 1

Chorus 1

Chorus 3 Honors WOMENS CHAMBER (Audition Required)

Chorus 4 Honors CHORALE (Audition Required)

Chorus 5 Honors SHOW CHOIR (Audition Required) 2 credits

Chorus 6 Honors CHAMBER CHOIR (Audition Required)

Music Appre- Music Appreciation

Music Composition Honors Prerequisite: Level 2 in a music class or audition

AP Music Theory Prerequisite: Music Theory HNs or Audition

Musical Theatre

Theatre 1

Theatre 2

Theatre 3 Honors MUSICAL THEATRE (Audition Required)  
 Theatre 4 Honors (Audition Required)  
 Dance 1  
 Dance 2  
 Dance 3 Honors (Dance 2 or Audition Required)  
 Dance 4 Honors (11, 12) (Dance 3 or Audition Required)  
 Hip Hop Dance  
 Strength & Conditioning for the Dancer  
 Music Appreciation-Music 110 (Dual Enrollment) (11, 12)  
 Prereq: 3.0+ GPA AND ACT score of 19 OR SAT/PSAT score of 900

## PE/JROTC

Physical Education 1  
 Physical Education 2  
 Unified PE (Project Unify) (11, 12) [Project Unify Application](#)  
 Physical Fitness and Weight Training 1  
 Physical Education 4 (Team Classes)  
 (Coach Approval Required)  
 Aerospace Science (JROTC)

## OTHER ELECTIVE CREDIT at LHS

Advanced Composition  
 Creative Writing  
 World Mythology  
 Speech 1  
 Journalism Introduction  
 Broadcasting Production [Wildcat TV Application](#)  
 Yearbook Production [Yearbook Application](#)  
 Two Semesters Required  
 Holocaust and Genocide Studies  
 ACT/SAT Prep Math Prerequisites: Geometry, Algebra 2  
 ACT/SAT Prep Verbal  
 Global Leadership for the 21st Century (11–12)  
 Students In Action [SIA Application](#)  
 Teacher Cadet (12, 11) **Application Deadline has PASSED**  
 REQUIRED: 3.0 Unweighted GPA on 4.0 scale  
 Foods and Nutrition 1  
 Foods and Nutrition 2  
 Housing and Interiors 1  
 Housing and Interiors 2  
 Child Development 1  
 Child Development 2  
 Sports Medicine 1  
 Sports Medicine 2  
 Sports Medicine Clinical (11, 12) Prerequisites: Sports Medicine  
 1 and 2, current CPR/AED Certification and [SM Clinical Application](#)

## CAREER AND TECHNOLOGY at LTC

Entrepreneurial Project Management 2 credits  
 Professional and Leadership Development  
 Digital Art and Design 1 2 credits  
 Digital Art and Design 2 2 credits  
 Image Editing 1  
 Integrated Business Applications 1  
 Business Law

IT Fundamentals ★ (9, 10)  
 Computer Repair and Service Prerequisite: Algebra 1  
 Networking Fundamentals Prereq: IT Fund. or Comp.Repair  
 Advanced Networking (12, 11) Prereq: Networking  
 Fundamentals  
 Cyber Security Fundamentals (11, 12) Prereq: Net. Fund.  
 Exploring Computer Science (ECS) ★  
 Computer Programming 1 Prerequisite: ECS  
 Computer Programming 2 (11, 12)

AP Computer Science Lab Honors (12, 11)	2 credits
AP Computer Science A (12, 11)	Must Request Both
Prerequisite: Algebra 2 Honors	

AP Computer Science Principles Lab	2 credits
AP Computer Science Principles ★	Must Request Both
Prerequisite: Algebra 1	

Game Design and Dev. (11, 12) Prereq: Computer Prog. 1  
 Fundamentals of Web Design and Develop. Prereq: ECS  
 Advanced Web Design and Development Prereq:  
 Fundamentals of Web Design  
 Culinary Arts 1 2 credits  
 Culinary Arts 2 2 credits  
 Advertising  
 Entrepreneurship  
 Fashion Marketing  
 Merchandising (Fashion Emphasis) (11, 12)  
 Prereq: Fashion Marketing  
 Marketing  
 Marketing (Sports and Entertainment)  
 Marketing Management (12, 11) Prerequisite: Marketing  
 Marketing Research Analytics (12, 11) Prerequisite: Marketing  
 Social Media Marketing  
 Accounting 1  
 Accounting 2 (12, 11)  
 Business Finance (12, 11) Prerequisite: Accounting 1  
 Personal Finance  
 Agricultural Science and Technology 2 credits  
 Animal Science 2 credits  
 Environmental & Natural Resources 1 2 credits  
 Forestry  
 Introduction to Horticulture  
 Introduction to Veterinary Science  
 Small Animal Care  
 Wildlife Management  
 Building Construction 1 2 credits  
 Building Construction 2 (12, 11) 2 credits  
 Cabinet Making (12) 2 units Prerequisite: Building Const. 2  
 Construction Project Management (Project  
 Management) (12, 11) 2 credits  
 Electricity 1 2 credits  
 Electricity 2 (12, 11) 2 credits  
 Mechanical Design 1  
 Mechanical Design 2  
 Architectural Design 1 Prerequisite: Mechanical Design 1

Architectural Design 2  
 Architectural Design 3 Honors (12)  
 Machine Technology 1 2 credits  
 Machine Technology 2 (12, 11) 2 credits  
 Welding Technology 1 2 credits  
 Welding Technology 2 (12, 11) 2 credits  
 Welding Technology 3 (12, 11) 2 credits  
 Introduction to Engineering  
 Electronics for Engineers Honors (11, 12)  
 Engineering Technology Honors Prereq: Intro to Engineering  
 Green Methods Honors  
 Materials Science Honors  
 Advanced STEM Research Honors (12, 11)  
 Auto Collision Repair Tech. 1 2 credits Medical Alert: See  
     Course Catalog  
 Auto Collision Repair Tech. 2 (12, 11) 2 credits  
 Automotive Technology 1 2 credits  
 Automotive Technology 2 (12, 11) 2 credits  
 Power Equipment Technology 1 2 credits  
 Power Equipment Technology 2 2 credits

Health Science 1  
 Health Science 2  
 Health Science 3 (11, 12) Prereq: Health Sci. 1 or Sports Med. 1  
 Health Science Clinic Study (12) 2 credits Prerequisite:  
     Health Science 3 (or sub. course), and [Application HERE](#)  
 Pharmacology for Medical Careers (12) Prerequisites:  
     Chemistry, Algebra 2  
 Medical Terminology (12, 11) Prerequisite: Biology 1  
 Medical Terminology AHS 102 (Dual Enrollment) (12, 11)  
     Prerequisite: Biology 1

Cosmetology 1 (11)	4 units
Cosmetology 2 (11)	Must Request Both Courses
Cosmetology 3 (12)	4 units
Cosmetology 4 (12)	Must Request Both Courses

Introduction to Public Safety (Firefighting)  
 Firefighter 1 2 credits  
 Firefighter 2 (12, 11) 2 credits  
 Law Enforcement 1 (11, 10) 2 credits  
 Law Enforcement 2 (12, 11) 2 credits

## [IB Program](#)

### Junior Year

English AL, HL-1  
 IB US History  
 Theory of Knowledge 1 HN  
 Economics SL  
 Biology, HL-1 or Chemistry HL,-1  
 Spanish B, SL Honors or German B, SL Honors or Latin B, SL  
 Honors or French B, SL Honors  
 IB Math Studies Honors SL or Math SL Honors

### Senior Year

English AL, HL-2  
 History of the Americas, HL  
 Theory of Knowledge 2 HN  
 Biology, HL or Chemistry HL  
 Spanish B SL or German B SL or Latin B SL or French B SL  
 Math Studies, SL or Math, SL  
 Psychology, SL

## [CENTERS for ADVANCED STUDY INFORMATION](#)

\*\*You must apply for the Centers for Advanced Study. Information is available [HERE](#)

[Advanced Agribusiness Research Interest Form](#)

Pelion High School

[Advanced STEM Studies Interest Form](#)

LTC

[Law and Global Development Interest Form](#)

River Bluff High School

[Media Arts, Design and Production Interest Form](#)

River Bluff High School

[Public Health and Advanced Medical Studies Interest Form](#)

White Knoll High School