

# HIGH SCHOOL 2024-2025 COURSE GUIDE



---

*Faith. Service. Excellence*

---

Lexington Christian Academy  
450 West Reynolds Road  
Lexington, KY 40503  
[www.lexingtonchristian.org](http://www.lexingtonchristian.org)

# LCA HIGH SCHOOL COURSE GUIDE 2024-2025

## Course Guide Purpose

The purpose of this guide is to familiarize students and parents with the curricular offerings of LCA high school. All of these courses, however, are not guaranteed to become part of the master schedule each year. LCA offers many courses, all of which seek to provide students with knowledge, understanding, and an integration of God's truth in all subject areas.

## Graduation Requirements

In order to graduate from Lexington Christian Academy's High School, a student must earn **25.5 credits**. LCA's graduation requirements are aligned with the Kentucky Pre-College Curriculum (PCC) guidelines. Specific requirements are as follows:

*In PDF document, click the Subject Area title to be taken to that section of course descriptions.*

SUBJECT AREA	LCA REQUIREMENT FOR GRADUATION	TOTAL 25.5 CREDITS
<a href="#">Bible</a>	4 credits <sup>1</sup>	
<a href="#">English</a>	4 credits (English I/IH, II/IIH, III/IIIH/AP English Language, and IV/AP English Literature/Dual Credit)	
<a href="#">Communication</a>	0.5 credit of Public Speaking	
<a href="#">Math</a>	4 credits <sup>2</sup> (must include minimum of Algebra I, Geometry, Algebra II and 1 additional credit)	
<a href="#">Science</a>	3 credits (Biology, Conceptual Physics and Chemistry) <b>OR</b> (Biology, Chemistry and Science Elective)	
<a href="#">Social Studies</a>	3 credits (World Civilizations, US History, 0.5 credit Government, 0.5 credit Economics)	
<a href="#">Health</a>	0.5 credit (1 semester)	
<a href="#">Physical Education</a>	0.5 credit (1 semester)	
<a href="#">Arts &amp; Humanities</a>	1 credit <sup>2</sup> (visual arts, performing arts, media arts classes, ethics/philosophy, elective Latin) <sup>3</sup>	
<a href="#">World Languages</a>	2 credits <sup>2</sup> (both years must be same language; if level I credit is earned in 8 <sup>th</sup> grade, levels II and III must be completed in HS)	
<a href="#">Electives</a>	3 credits	

## ADDITIONAL NOTES:

<sup>1</sup> Students who transfer after grade nine will not be required to make up the missing Bible credits.

<sup>2</sup> Students are required to take four credits of Math, two credits of World Languages and one credit of Art & Humanities while enrolled in High School, even if they have earned HS credit in 8<sup>th</sup> grade.

<sup>3</sup> Courses that fulfill the **Arts & Humanities requirement** are identified in the descriptions with *ℋ* and include:

- **Visual Arts:** 2D Art I-III, 3-D Art I-III, Printmaking, Advanced Studio Art, AP Art History, AP Studio Art, History of the Visual and Performing Arts
- **Performing Arts:** Chorus, Drama, Instrumental Music, Piano, Guitar, AP Music Theory
- **Media Arts:** Digital Photo I and II, Graphic Design, Video Production
- **Other:** Mock Trial, Introduction to Law, Latin I and II (if not for WL credit), AP Human Geography, Yearbook, Newspaper

## GRADING

GRADE	RANGE	COLLEGE PREP (CP)	HONORS	ADVANCED PLACEMENT (AP) and DUAL CREDIT (DC)
A	90 - 100	4.0	4.5	5.0
B	80 - 89	3.0	3.5	4.0
C	70 - 79	2.0	2.5	3.0
D	65 - 69	1.0	1.5	2.0
F	64 and below	0	0	0 / 1.0 for DC
TI	Temporary Incomplete ( <i>placeholder grade on report card pending completion of work or assessments</i> )			

**Class Rank:** LCA does not rank students except for Valedictorian and Salutatorian for graduation. The weighted cumulative GPA is used for determining Valedictorian and Salutatorian, as well as graduation honors.

## TYPES OF COURSES

**College Prep Courses:** Most of LCA's courses are college prep and are weighted on a 4.0 scale.

**Honors Courses:** Honors courses have required prerequisites. Please refer to the specific course description for details. Honors courses are weighted with a +0.5 quality point in the weighted cumulative GPA (A=4.5, B=3.5, C=2.5, D=1.5).

**Advanced Placement Courses:** AP courses are weighted with a +1.0 quality point in the weighted cumulative GPA (i.e., A=5, B=4, C=3, D=2, F=0). In the unweighted cumulative GPA, an AP class has a regular value (i.e. A=4, B=3, C=2, D=1, and F= 0). AP courses have required prerequisites. Please refer to the specific course description for details.

**Dual Credit:** Dual Credit courses earn both high school credit toward graduation from LCA and college credit which may be transferred to the student's chosen college upon high school graduation. Dual Credit course content and procedures are not under the control of LCA and students must adhere to all policies of the partnering college/university, including class attendance. Dual Credit courses taken in fulfillment of graduation requirements are weighted on the same scale as Advanced Placement courses in the weighted cumulative GPA, with the state-mandated exception that a grade of F factors in at 1.0, and have required prerequisites. Students must apply for admission to the partner college/university through which the Dual Credit course is taught. Students who elect to enroll in Dual Credit courses, either in fulfillment of LCA graduation requirements or as electives, must also be enrolled in five (5) on-campus LCA courses each semester.

LCA offers select Dual Credit courses on-campus in partnership with area colleges and universities, but students may also request approval to independently enroll in a Dual Credit course that is not available at LCA through a program of their choice. Students should not enroll in the course until the request has been reviewed and the course and program are approved. Independent Dual Credit courses must be 16 weeks long to match the timeline and pace of LCA courses and ensure appropriate scope and depth of content. Grades and credits for Dual Credit courses taken as electives will be included on the LCA transcript and included in Kentucky Educational Excellence Scholarship (KEES) calculation but will not factor into the cumulative GPA for the purpose of determining graduation honors.

Tuition for dual credit courses is charged by and payable directly to the providing college/university and is the responsibility of the student's family, in addition to LCA tuition. LCA does not offer a prorated tuition discount to subsidize Dual Credit enrollment. The Kentucky Higher Education Assistance Authority (KHEAA) offers a non-need-, non-merit-based Dual Credit Scholarship. Students are responsible for applying for the DCS through their myKHEAA account. The DCS covers up to two (2) dual credit courses (6 college credit hours/1 HS credit) at a maximum of \$72/college credit hour. Families are responsible for any dual credit tuition balance remaining after the DCS is applied.

**Prerequisite Courses and Standards:** A prerequisite is a condition that must be met before a student may enroll in certain courses. Prerequisites are listed at the top of each course description. Please check these carefully before making selections. Prerequisites reflect the desire of each department to ensure the success of students in selected courses.

**Corequisite Courses:** A course listed as a corequisite must be taken prior to or at the same time as a certain course.

## COURSE CHANGE REQUESTS AND PROCESS

### Course Changes

Schedule changes will only be considered for legitimate academic reasons. In order to change a schedule, students need to complete an electronic Course Change (Drop/Add) Request Form, which is available in FACTS Family > School > Resources and on the LCA website under High School Parent Resources. During the first five days of the semester, a student may drop a class and enter a class without consequence. Beginning with the 6<sup>th</sup> day the student may drop a class but will receive a "W" (Withdrawal) notation on their transcript.

## WORK RELEASE

Seniors who are on track for graduation may be eligible for Work Release which allows students to leave school one hour early for employment reasons. Work Release must be pre-approved by the High School administration. Work Release forms are available in the High School Office and as a PDF download in the Online Course Requests module, in FACTS Family Resources and on the LCA website under High School Parent Resources.

## **NCAA ELIGIBILITY**

**If you plan to enroll in any Division I or Division II college or university, please read this information carefully.**

Students' NCAA initial eligibility will be evaluated under the 16 core-courses described in the section. Potential college athletes must meet the core course requirements below in order to be eligible for the NCAA. Athletes also must have an **NCAA core course GPA of 2.3 or higher** (2.2 for Division II). **Standardized test scores (ACT, SAT) are no longer included in NCAA initial-eligibility determination.** Check the NCAA Eligibility Center for more information before you schedule your courses - <http://www.ncaa.org/student-athletes/future/eligibility-center>

### **DIVISION I – 16 CORE COURSES**

4 years of English

3 years of Math (Algebra I or higher)

2 years of Natural/Physical Science including one year of lab science

1 year of additional English, Mathematics or Natural/Physical Science

2 years of Social Studies

4 years of additional coursework (from any area above, World Languages or non-doctrinal religion/philosophy)

\*Total of 10 Core Courses, including 7 English, Math, or Natural/Physical Science, must be completed before your seventh semester.

### **DIVISION II – 16 CORE COURSES**

3 years of English

2 years of Math (Algebra I or higher)

2 years of Natural/Physical Science including one year of lab science

3 years of additional English, Mathematics, or Natural/Physical Science

2 years of Social Studies

4 years of additional coursework (from any area above, World Languages or non-doctrinal religion/philosophy)

## **NAIA ELIGIBILITY**

**If you plan to enroll in an NAIA college or university, please read this information carefully.**

To be academically eligible, the eligibility center requires that incoming freshmen meet two of three criteria.

- Achieve a minimum overall high school grade point average of 2.0 on a 4.0 scale
- Graduate in the top half of their high school class
- Achieve a minimum of 18 on the ACT or 970 on the SAT

Due to national trends away from institutions requiring standardized test scores for college admission and fewer high schools reporting class rank, a student may meet initial eligibility requirements solely on the basis of their high school GPA. Beginning with Fall 2022 entering freshmen, **students with a 2.3 on a 4.0 scale meet NAIA initial eligibility requirements.** In addition, students with a 3.3 after six semesters or a 2.8 after seven semesters may receive an early decision of eligibility.

Student-athletes should create an account at [www.PlayNAIA.org](http://www.PlayNAIA.org), which processes initial eligibility and provides details regarding eligibility requirements and documentation.

# Recommended Four-Year Course Plans

SUBJECT AREA	LEXINGTON CHRISTIAN REQUIREMENTS FOR GRADUATION	RECOMMENDED FOR COLLEGE ENTRANCE	RECOMMENDED FOR ELITE COLLEGE ENTRANCE AND MERIT-BASED SCHOLARSHIPS
Bible	4 credits	4 credits	4 credits
English	4 credits	4 credits	4 credits
Mathematics	4 credits	4 credits	4 credits
Science	3 credits	3-4 credits	4 credits
Social Studies	3 credits	3 credits	3-4 credits
Health	0.5 credit (1 semester)		
Physical Education	0.5 credit (1 semester)		
World Languages	2 credits of same language	3 credits of same language	4 credits of same language
Fine Arts/Humanities	1 credit		
Electives	3 credits total	3 credits (strategically chosen electives)	
Communications	Public Speaking (0.5 credit)		

## Example Four-Year Plans

Please note that academic plans vary from student to student and based on educational goals.

### State College/University Admission

SUBJECT AREA	Freshman	Sophomore	Junior	Senior
Bible	Bible I	Bible II	Bible III	Bible IV
English	English I	English II	English III	English IV
Mathematics	Algebra I	Geometry	Algebra II	Algebra III/Trig
Science	Biology	Conceptual Physics	Chemistry	
Social Studies		World Civilizations	US History	Government and Economics
Health	Health			
Physical Education	Physical Education			
World Languages	Spanish I	Spanish II	Spanish III	
Humanities / Communications	Instrumental Music			Public Speaking
Electives		Apologetics & Digital Photography	Physical Wellness (2 sem)	Study Hall Internship (2 sem)

### Elite University Admission and Merit-Based Scholarship Consideration

SUBJECT AREA	Freshman	Sophomore	Junior	Senior
Bible	Bible I	Bible II	Bible III	Bible IV
English	Honors English I	Honors English II	AP English Language	AP English Literature
Mathematics	Honors Algebra II	Honors Precalculus	AP Calculus AB	AP Calculus BC
Science	Honors Biology	Honor Chemistry	AP Biology	AP Chemistry
Social Studies	AP Human Geography	AP World History: Modern	AP US History	Government and AP Economics
Health	Health			
Physical Education	Physical Education			
World Languages	Spanish II	Spanish III	Spanish IV	AP Spanish Language
Humanities/ Communications		2D Art I (0.5) 3D Art I (0.5)		Public Speaking
Electives				

\*Student elective requirements are met by exceeding requirements in Science, Social Studies, and World Languages.

# Academic Pathways

Beginning with the Class of 2025, LCA students may choose to pursue an academic pathway in an area of interest. These personalized learning opportunities for our students help ensure that they meet their goals and allow LCA to continue to equip and nurture students to fulfill God's calling on their lives through Christ-centered education.

LCA's Academic Pathways will create:

- A high school level academic area of focus
- Special pathway recognition at graduation and an endorsement seal for pathway achievers on their diploma
- A pathway achiever cord or medallion to be worn at graduation

Academic Pathways require completion of specific elective courses which are taken in addition to the student's core academic curriculum (Bible, English, math, science, social studies and world language). Academic Pathways are open to all students with no requirements for participation in Honors/AP courses in core academic areas. While some pathways offer flexibility on the timing of the electives\*, students are strongly encouraged to set out on and declare their Academic Pathway experience during their freshman year. Some pathways include an off-campus internship or capstone project during the senior year. LCA's Academic Pathway options and the required courses for each are detailed below.

## Christian Ministry and Leadership Pathway

As an institution of Christian education, we must answer the call and responsibility to train and prepare young people for roles as servant leaders in areas of ministry where God may call them. This track offers opportunities to students to explore and develop the skills needed to serve God. \*Courses may be taken in any order or doubled up.

Courses required for endorsement:

Freshman Year	Sophomore Year	Junior Year	Senior Year
Apologetics*	Leadership & Spiritual Formation*	Ministry Studies*	Christian Ministry and Leadership Internship

## Business Pathway

The Business pathway allows students to pursue their interests in areas of accounting, law and finance.

Courses required for endorsement:

Freshman	Sophomore	Junior	Senior
<b>Introduction to Business</b> <b>OR</b> <u>Two Electives:</u> Mock Trial, Intro to Law, Business Law, Criminal Law	Accounting <b>OR</b> Introduction to Business	Accounting <b>OR</b> Business Law <b>AND</b> <u>One Elective:</u> Mock Trial, Intro to Law, Business Law, Criminal Law, Personal Finance, Internship	Personal Finance <b>AND</b> Business Internship (required if not completed Junior year, may repeat)

## STEM Pathway

The STEM pathway allows students to pursue their interests in areas of science, technology, engineering and math. The Pathway includes courses through [Project Lead The Way \(PLTW\)](#), as well as the University of Kentucky Engineering program. Students may take courses in any grade, but the course progression below is recommended. Ideally students should be in Geometry in 9<sup>th</sup> grade to pursue the STEM pathway, however student may take Algebra I and Geometry in 9<sup>th</sup> or Geometry and Algebra II in 10<sup>th</sup> to get on track. \*AP Chemistry and AP Computer Science A are highly recommended.

Courses required for endorsement:

Freshman	Sophomore	Junior	Senior
PLTW: Introduction to Engineering Design	Application Design I: Python <b>AND</b> Application Design II: C++	PLTW: Principles of Engineering  <b>Optional:</b> AP Chemistry <b>OR</b> AP Computer Science A	AP Physics <b>AND</b> UK Transition2Engineering <b>AND</b> AP Calculus (AB or BC)  <b>Optional:</b> AP Chemistry <b>OR</b> AP Computer Science A

## Visual or Performing Fine Arts Pathways

Students may follow their passion and develop their God-given talents in either Visual Arts or Performing Arts pathways.

Courses required for **Performing Arts** endorsement:

	<b>Freshman</b>	<b>Sophomore</b>	<b>Junior</b>	<b>Senior</b>
<b>Performing Arts Core (4 credits)</b>	Ensemble* <ul style="list-style-type: none"> <li>▪ Chorus</li> <li>▪ Treble Choir</li> <li>▪ Instrumental Music</li> </ul>	Ensemble* <ul style="list-style-type: none"> <li>▪ Chorus</li> <li>▪ Treble Choir</li> <li>▪ Instrumental Music</li> </ul>	Ensemble* <ul style="list-style-type: none"> <li>▪ Chorus</li> <li>▪ Treble Choir</li> <li>▪ Instrumental Music</li> </ul>	Ensemble* <ul style="list-style-type: none"> <li>▪ Chorus</li> <li>▪ Treble Choir</li> <li>▪ Instrumental Music</li> </ul>
<b>Electives (2 credits)</b>			History of the Visual and Performing Arts <b>AND</b> Piano <b>OR</b> Guitar <b>OR</b> Drama	AP Music Theory

\*Students do not have to enroll in the same ensemble for all four years (i.e. they may take Chorus twice and Instrumental Music twice to fulfill requirement).

Courses required for **Visual Arts** endorsement:

Students must successfully complete a minimum of four (4) single-semester 2D and/or 3D production courses. A combination of 2D Art and 3D Art courses is permitted, but the strongest portfolio will be from a commitment to either a 2D I-III or 3D I-III track.

<b>Freshman</b>	<b>Sophomore</b>	<b>Junior</b>	<b>Senior</b>
<b>2D Art I</b> 2D Art II 3D Art I 3D Art II <i>Semester/0.5 credit each</i>	2D Art I 2D Art II 2D Art III 3D Art I 3D Art II 3D Art III Advanced Studio Art (after completion of III) <i>Semester/0.5 credit each</i>	<i>Choose one (year):</i> <ul style="list-style-type: none"> <li>▪ AP Art History+</li> <li>▪ Advanced Studio Art</li> <li>▪ AP Studio Art~</li> </ul> <b>OR</b> <i>Choose two (semester):</i> <ul style="list-style-type: none"> <li>▪ History of the Visual and Performing Arts <b>AND</b></li> <li>▪ Advanced Studio Art <b>OR</b> Printmaking</li> </ul>	<i>Choose one (year):</i> <ul style="list-style-type: none"> <li>▪ AP Art History+</li> <li>▪ Advanced Studio Art</li> <li>▪ AP Studio Art~</li> </ul> <b>OR</b> <i>Choose two (semester):</i> <ul style="list-style-type: none"> <li>▪ History of the Visual and Performing Arts <b>AND</b></li> <li>▪ Advanced Studio Art <b>OR</b> Printmaking</li> </ul>

\*Students who take AP Art History may take Printmaking in place of Advanced Studio Art

+AP Art History can only be taken once.

~AP Studio Art may be taken twice for credit (both junior and senior years).

*H* - Course fulfills Humanities/Fine Arts graduation requirement.

## ARTS & HUMANITIES DEPARTMENT

### Media Arts Courses *H* all courses

Course Title	Grade	Length	Credit
Digital Photography I	All	Fall	0.5
Digital Photography II	All	Spring	0.5
Graphic Design	All	Fall	0.5
Video Production	All	Spring	0.5
Advanced Digital Media I-IV	10, 11, 12	Sem	0.5
Journalism/News	All	Year	1
Journalism/Yearbook	All	Year	1

#### Digital Photography I

*All Grades ● Semester (0.5 cr)*

Learn how to create visually stunning images by learning the elements of art & principles of design and how to apply them to photography. You will learn compositional techniques and different genres of photography. You will also gain a strong foundation in Adobe Photoshop and how to further enhance and manipulate digital images. You will also enjoy regular photo walks around campus to create your images using your cell phone.

#### Digital Photography II

*All Grades ● Semester (0.5 cr)*

Digital Photography I

Expand on your compositional skills learned in Photo 1 and gain practical experience as a photographer. You get the opportunity to learn how to operate a Digital SLR Camera and the exposure triangle; shutter speed, aperture, and ISO. You will also gain advanced functions in Adobe Photoshop by combining photographic techniques with Photoshop. You will also enjoy regular photo walks around campus to create your images using your Digital SLR Camera.

#### Graphic Design *H*

*All Grades ● Semester (0.5 cr)*

Gain a strong foundation in the Adobe software programs Illustrator and In Design. You will learn about design layout, typography, branding and logo creation. Students will get an experience of what it is like to work in the graphic design industry. Students will use their skills to create illustrations, product packaging and simple animations.

#### Video Production *H*

*All Grades ● Semester (0.5 cr)*

Graphic Design Software OR Digital Photography I

Learn how to edit and produce videos. In Video Production you will gain a strong foundation in Adobe Premiere Pro and After Effects. You will gain skills in editing video footage, video composition, different types of cuts, working with audio, creating a set, lighting and using the green screen. You

will then bring your video to the next level, by adding special effects with the skills you will learn in Adobe After Effects.

#### Advanced Digital Media I-IV *H*

*Grades 10, 11, 12 ● Semester (0.5 cr)*

Digital Photography II or BOTH Graphic Design Software and Video Editing & Special Effects AND department approval

Designed for students who have reached the highest level of study in one or more LCA digital media courses. This course will allow students to exercise their talents in one or more areas of digital media and learn skills while working both as an individual and in teams on real-world projects. This course is designed to build teamwork and entrepreneurial skills. Students who desire to pursue higher education in digital media or technology can begin to build their professional portfolio. Can be taken up to four (4) times for credit, listed on transcript as Advanced Digital Media I, II, III, IV.

#### Journalism/News *H*

*All Grades ● Year (1 cr)*

May be repeated for additional credit

Production-based course. This is a year-long course with an emphasis on the study of journalism, journalistic writing, photojournalism, and modern journalistic literature. Students will be exposed to traditional newspaper journalism through story generating, writing, designing, advertising and the editing process. Students will learn the fundamentals of news, feature, editorial and sports writing. Copy reading, news style and editing will be stressed. Students will create numerous original stories using varied structures and writing techniques. Students will be required to observe and meet deadlines. Students will be responsible for the production, publication, and marketing of the school newspaper, *The Talon*. The newspaper may be produced and published electronically. The class will involve some after-school work.

#### Journalism/Yearbook *H*

*All Grades ● Year (1 cr)*

May be repeated for additional credit

Production-based course. This is a year-long course with an emphasis on the study of journalism, journalistic writing, photojournalism, and modern journalistic literature. Students will be exposed to yearbook (magazine) journalism through story generating, writing, designing, advertising and the editing process. Students will be required to observe and meet deadlines. Students will be responsible for the production, publication, and marketing of the school yearbook. Some after-school work.



## Performing Arts Courses *All courses*

Course Title	Grade	Length	Credit
Drama I/II	All	Sem	0.5
Instrumental Music	All	Year	1
Chorus	All	Year	1
Orchestra	All	Year	1
Piano	All	Sem	0.5
Guitar	All	Sem	0.5
History of the Visual and Performing Arts*	11, 12	Sem	0.5
AP Music Theory	11, 12	Year	1

\*See course description in the Visual Arts section

### Instrumental Music

*All Grades ● Year (1 cr)*

May be repeated for additional credit; may be taken for one semester with instructor approval; instructor approval; fee associated

Students will learn through individual and group instruction. Individual instruction is offered based on the student's level, while group instruction is geared toward higher-level students. Help will be given to any intermediate students to help them achieve the goals for class. Instrumental Music is the core of the *Concert Band* and *Extracurricular Components* like the Pep Band, Percussion Ensemble, Stage Show/Stomp Groups, and the *LCA Mod Squad* (the modern music group which includes worship music and many styles of contemporary music). A number of after-school rehearsals and performances are required for the extracurricular components. There are reasonable fees that accompany the extracurricular groups to cover additional staff costs, supplies and some travel costs.

### Chorus

*All Grades ● Year (1 cr)*

May be repeated for additional credit; may be taken for one semester with instructor approval. \*NOTE\* All interested students should request Chorus, then will be placed into their appropriate chorus section after spring auditions.

Presents group instruction in vocal technique and music concepts. Students will be exposed to contemporary as well as traditional music. Course also teaches musical fundamentals such as sight singing, dynamics, and harmonic intervals. One or more performances per quarter are required.

### Drama I

*All Grades ● Semester (0.5 cr)*

May be taken for one semester upon request

Emphasizes communication and writing skills through drama. Content will include theater history, acting techniques, improvisational skills and performance poise. Students will be expected to perform individually and in groups, and will be acting in scenes that are prewritten works as well as those they create themselves.

### Drama II

*All Grades ● Semester (0.5 cr)*

Drama I; may be taken for one semester upon request

Building upon the foundations from Drama I, this course is designed for the more advanced drama student. In addition to familiar topics such as acting and improvisation, we will dive into more advanced theater techniques including stage combat,

special effects makeup for costuming, prop creation, sound effects and foley work, directing, audition techniques, and advanced lighting and stage design. We will seat at least one live theater performance as a class, travel together and ultimately produce a student-run live stage production for an audience.

### Guitar

*All Grades ● Semester (0.5 cr)*

Own or have access to a guitar for outside practice a minimum of an hour/week.

This course is designed to teach the concepts and fundamentals needed to perform on the guitar. It will increase musical understanding and literacy as students learn to play melodies, chords in various keys, accompaniment patterns, and improvisational techniques. This is a beginner-level course, but can be taken by advanced students with additional coursework. Students will be expected to practice outside of class at least one hour weekly.

### Piano

*All Grades ● Semester (0.5 cr)*

Own or have access to a piano for outside practice a minimum of an hour/week.

Teaches the concepts and fundamentals needed to perform on the piano. It will increase musical understanding and literacy as students learn to play melodies, chords in various keys, accompaniment patterns, and improvisational techniques. This is a beginner-level course, but may be taken by advanced students with additional coursework. Students will be expected to practice outside of class at least one hour weekly.

### AP Music Theory

*Grades 10, 11, 12 ● Year (1 cr)*

Department approval

This course will introduce students to the beginning concepts of music theory, the building blocks of music. Course content will include the elements of music (harmony, form, rhythm, melody, timbre, tempo, and dynamics), analysis of music, basic composition, aural skills, and music history. Reading music at a high level is needed for this course. At the completion of this course, student will be able to participate in the AP Music Theory exam and attempt to earn college credit.

## Visual Arts Courses *All courses*

Course Title	Grade	Length	Credit
2-D Art I-III	All	Sem	0.5
3-D Art I-III	All	Sem	0.5
Printmaking	All	Sem	0.5
Advanced Studio Art	11, 12	Sem	0.5
History of the Visual & Performing Arts	11, 12	Sem	0.5
AP Art History~	10, 11, 12	Year	1
AP Studio Art	11, 12	Year	1

~may only be taken once

NOTE: Visual Art courses include a fee for materials, which is billed to the student account.

### 2-D Art I-III

*All Grades ● Semester (0.5 cr)*

Course level placement determined by previous visual arts course and instructor; fee associated

Focuses on art techniques appropriate for the understanding, planning and creation of any and all two-dimensional artwork.

- 2-D I focuses on basic techniques as well as 2-D artists and cultural uses for 2-D art.
- 2-D II continues to develop 2-D techniques taught in 2-D I, introduces new 2-D techniques and also introduce concept development
- 2-D III further development of 2-D artwork, with potential AP Studio 2-D portfolio development

### 3-D Art I-III

*All Grades ● Semester (0.5 cr)*

Course level placement determined by previous visual arts course and instructor; fee associate

Focuses on art techniques appropriate for the understanding, planning and creation of any and all three-dimensional artwork (sculpture and ceramic).

- 3-D I focuses on basic techniques, as well as 3-D artists and cultural uses for 3-D art.
- 3-D II continues to develop 3-D techniques taught in 3-D I, introduces new 3-D techniques and also introduces concept development.
- 3-D III further development of 3-D artwork, with potential AP Studio 3-D portfolio development

### History of the Visual and Performing Arts

*Grades 11, 12 ● Semester (0.5 cr)*

Four visual arts courses; instructor approval

This course will outline the history of visual and performing arts, draw connections between them, and integrate students' understanding of world history. Students will trace music, dance, drama, and visual art form from creation to the contemporary era using existing works. They will also use characteristics of works from various cultures and time periods to create their own pieces of art and/or music. This course will be individualized to focus on student's specific art form (instrumental, vocal music, or visual art).

### Printmaking

*All Grades ● Semester (0.5 cr)*

Fee associated

Covers a variety of printmaking processes and techniques (e.g. monoprint, collograph, etching, woodcut, linoleum cut, stencils, and screen print). Course emphasizes principles and elements of design. May include historical development of Western and non-Western cultures.

### Advanced Studio Art

*Grades 11, 12 ● Semester (0.5 cr)*

Three visual art courses; instructor approval; may be repeated for additional credit; fee associated

This is an independent study course, which enable students to explore a particular art form in more detail and depth than other courses. Advancing skills, building confidence for professional showings or portfolio submission, and gaining experience in public performances or displays are emphasized. Career opportunities are explored. This class can be taken multiple times for credit.

### AP Art History

*Grades 10, 11, 12 ● Year (1 cr)*

Instructor approval

Designed to allow students to examine major forms of artistic expression relevant to a variety of cultures evident in wide variety of periods from present times into the past. Students acquire an ability to examine works of art critically, with intelligence and sensitivity, and to articulate their thoughts and experiences.

### AP Studio Art

*Grades 11, 12 ● Year (1 cr)*

Minimum two years of previous visual art courses; portfolio of three (3) art pieces for teacher approval; fee associated

This course is an advanced class that will challenge the student to achieve a completed portfolio. Students must choose one area of focus: 2-D, 3-D, or drawing. The 24 pieces will come out of studies done within that focus. This portfolio will be turned in and graded by AP instructors.

## BIBLE & THEOLOGY DEPARTMENT

Course Title	Grade	Length	Credit
Christ in the Old and New Testaments	9	Year	1
Themes of Scripture	10	Year	1
Christianity and World Religions	11	Year	1
Ethics and Culture in a Modern Society	12	Year	1
Apologetics	All	Sem	0.5
Ministry Studies	All	Sem	0.5
Leadership & Spiritual Formation	All	Sem	0.5
Christian Ministry & Leadership Internship	12	Sem	0.5

### Bible I: Christ in the Old and New Testaments

*9<sup>th</sup> Grade ● Year (1 cr)*

Takes the student through a Christ-centered study of the whole Bible. The class texts and other sources will assist the student in examining the historical and cultural backgrounds of the Bible. The students will develop a greater understanding of the various ways God foreshadowed the coming of Christ to the Jewish people. The students will then examine the New Testament to discover how Jesus is revealed as the fulfillment of the Old Testament prophecies and the Savior of the world. An emphasis will be placed on personal application throughout the study.

### Bible II: Themes of Scripture

*10<sup>th</sup> Grade ● Year (1 cr)*

Designed to bring the student to an understanding of twenty core themes that are revealed and developed throughout the Scriptures. Students will work to become competent in studying the Bible and letting it address our paradigms of thought and values. As a result of our study we aim to develop a heart and mind for God's revelation that shapes our worldview, sense of purpose and broadens our foundation for future study.

### **Bible III: Christianity and World Religions**

*11<sup>th</sup> Grade ● Year (1 cr)*

Introduces students to the History of Christian Theology from the Patristic Period (100 AD) to the Post-Modernism of the 21<sup>st</sup> Century. Students will be introduced to perennial theological issues which have shaped the Christian tradition. Contributions to these issues from the three main Christian Traditions (Roman Catholic, Eastern Orthodox and Protestantism) will be examined. The course will introduce students to numerous world religions with the goal of providing students with a broader understanding of other world religions. Students will be introduced to the respective views, religious texts and thinkers connected to these religions. The views of these religions will be compared and contrasted to Christianity in order for the students to gain a deeper understanding of their own faith tradition.

### **Bible IV: Ethics and Culture in a Modern Society**

*12<sup>th</sup> Grade ● Year (1 cr)*

Designed to take a serious look at the student's worldview and explore Christianity as a worldview as it relates to a number of contemporary issues. This class will take a detailed look into the major questions that all worldviews must answer. From this framework, the student will be challenged to develop his/her personal Christian worldview on each topic.

### **Apologetics**

*All Grades ● Semester (0.5 cr)*

Instructor approval; may repeat for add'l credit (2 sem max)

Equips students to engage current culture in defending our faith; to practice the spiritual disciplines and enjoy greater connection with God; to lean into and practice using our skills and passions from the Father to make a difference in our communities now.

### **Ministry Studies**

*All Grades ● Semester (0.5 cr)*

An exploration into the different realms of ministry while covering many topics, such as Scriptural study, historical missionary contributions and hands-on practical experiences. Students will study about the inspiring lives of famous missionaries and ministers such as Mother Teresa and George Washington Carver. Beyond theoretical knowledge, this course emphasizes the development of practical skills through community service experiences. Students will actively engage in meaningful opportunities that foster compassion and leadership qualities and help to make a positive difference in their communities by being Jesus' hands and feet.

### **Leadership and Spiritual Formation**

*All Grades ● Semester (0.5 cr)*

This course is designed to assist students to better clarify and actualize their individual calls to ministry. Students will gain an understanding of what it means to be called into ministry and explore how their gifts can be utilized to expand God's kingdom on earth. Students will also gain theoretical and practical knowledge and experience in various areas of servant leadership.

### **Christian Ministry and Leadership Internship**

*12<sup>th</sup> Grade ● Semester (0.5 cr)*

*Pass/Fail*

Apologetics

This course provides senior students the opportunity to apply what they have learned in Bible and Pre-Ministry track classes to real world situations and allow them to obtain valuable work experience. Students must complete an application to be approved by a faculty member in the Bible Department and an administrator. The application will outline the work to be completed by the student, the hours in which the students will work, and the name of the student's supervisor. The student will be responsible for completing a certain amount hours (as determined by administrator and internship supervisor) of work in the internship. Both the student and the supervisor must complete an evaluation by the end of the semester for the student to obtain credit. Credit for this class will be pass-fail only.

## **ENGLISH DEPARTMENT**

Courses address four areas of learning: grammar, composition, literature appreciation and vocabulary building. **English core courses have assigned summer reading.**

Course Title	Grade	Length	Credit
English I	9	Year	1
Honors English I	9	Year	1
English II	10	Year	1
Honors English II	10	Year	1
English III	11	Year	1
Honors English III	11	Year	1
AP English Language	11	Year	1
English IV	12	Year	1
AP English Literature	12	Year	1
Dual Credit English (ENG 100 and ENG 110, paired)	12	Sem	0.5 ea
Public Speaking	11, 12	Semester	0.5

### **English I**

*Grade 9 ● Year (1 cr)*

Focuses on further developing students' skills in reading, writing, listening, speaking, vocabulary and critical thinking using a variety of activities. Students will be exposed to various forms of literature; including but not limited to, short stories, poetry, and novels dealing with universal themes. The student will develop several formal essays and one analytical research paper.

### **Honors English I**

*Grade 9 ● Year (1 cr)*

A in English 8 or B (85%) in Advanced English 8; 90% minimum Composition score; 8<sup>th</sup> grade teacher recommendation

Designed for the student seeking a greater challenge in English. The course will develop and advance students' skills in reading, writing, listening, speaking, vocabulary and critical thinking using a variety of activities. Students will be exposed to various forms of literature; including but not limited to, short stories, poetry, and novels dealing with universal themes. The student will develop several formal essays, one analytical research paper, and timed writings. Students taking honors

course should expect additional demands on time, personal organization, and commitment.

## English II

### *Grade 10 ● Year (1 cr)*

English I or Honors English I

Focuses on further developing students' skills in reading, writing, listening, speaking, and critical thinking using a variety of activities. Students will be expected to read and respond to a variety of literature, including but not limited to, prose, poetry, and novels. The study of language in use – grammar, mechanics, sentence structure, vocabulary, and usage will be incorporated into the course as well. The student will develop formal essays, one analytical research paper, and timed writings.

## Honors English II

### *Grade 10 ● Year (1 cr)*

A in English I or B (85%) in Honors English I; 90% Composition score; department approval

This course is designed for the student seeing a greater challenge in English. Focuses on further developing skills in reading, writing, listening, speaking, vocabulary, and critical thinking using a variety of activities. This course will challenge the students to critique authors and their styles. Composition assignments will require students to compare and contrast various authors and literary writings including poetry and prose. Includes several formal essays, timed writings, and an analytical research paper. Students taking Honors course should expect additional demands on time, personal organization, and commitment.

## English III

### *Grade 11 ● Year (1 cr)*

English II or Honors English II

Focuses on further developing students' skills in reading, writing, listening, speaking and critical thinking. Students will be expected to read and respond to a variety of literature, including but not limited to, prose, poetry and novels. Students will write several formal essays, timed writings, and an analytical research paper. The study of language in use – grammar, mechanics, sentence structure, vocabulary, and usage will be incorporated into the course as well.

## Honors English III

### *Grade 11 ● Year (1 cr)*

A in English II or B (85%) in Honors English II; 90% Composition score; department approval

This course is designed for the student seeking a greater challenge in English, but who does not want to commit to the increased rigors of an AP course. Focuses on further developing students' skills in reading, writing, listening, speaking, and critical thinking using a variety of activities. Students will be expected to read and respond to a variety of literature, including but not limited to prose, poetry, and novels. Students will write several formal essays, timed writings, and an analytical research paper. The study of language in use – grammar, mechanics, sentence structure, vocabulary, and usage will be incorporated into the course as well. Students taking Honors course should expect additional demands on time, personal organization, and commitment.

## AP English Language and Composition

### *Grade 11 ● Year (1 cr)*

A both semesters of English II or B (85%) both semester of Honors English II; PSAT EBRW 550 or higher, SAT ERBW score 1000 or ACT English 22 or higher; department approval

Challenges students beyond the expectations of the English III course. Focus is placed on making students aware of the interaction between the subject and a writer's purposes as well as audience expectations. Students will learn how grammar and usage contribute to effectiveness in writing. Students will read and write about subjects from a variety of disciplines with an emphasis on expository, analytical, and argumentative writing. Additionally, students will also compose their college application essay. Finally, students will research primary and secondary documents carefully synthesizing material from these texts in their own compositions. Students taking AP course should expect additional demands on time, personal organization, and commitment. Upon completion of this course, students will have the opportunity to sit for the AP English Language & Composition exam.

## English IV

### *Grades 12 ● Year (1 cr)*

English III

*Year, 1 credit*

Students will become skilled readers of a wide range of literature including, but not limited to, novels, prose and poetry. Students will be expected to read and respond to a variety of literature, independently, in group discussion, and in writing. All facets of language arts – listening, speaking, reading, and writing will be covered. The study of language in use – grammar, mechanics, sentence structure, vocabulary, and usage will be incorporated into the course as well. Students will compose several formal essays and an analytical research paper. Timed writings may also be incorporated into the curriculum.

## AP English Literature and Composition

### *Grade 12 ● Year (1 cr)*

A both semesters English III or B (85%) both semesters AP English Language; SAT Reading 500 or higher or PSAT EBRW 550 or higher or ACT English 22 or higher; department approval

Challenges students beyond the expectations of the English IV course. Students will thoroughly analyze both prose and poetry and are expected to participate in classroom discussions. Students will read several novels and plays, in addition to other selections. Several timed writings will be composed each semester. Analysis of literature through expository, analytical and argumentative essays will be conducted. Students will also compose their college application essay. Students taking AP course should expect additional demands on time, personal organization, and commitment. Upon completion of this course, students will have the opportunity to sit for the AP English Literature exam.

## DUAL CREDIT ENGLISH – paired courses required ENG 100 Asbury University – Writing I

### *Grade 12 ● Semester (0.5 cr, plus 3 hours college credit)*

Admission to Dual Credit partner college/university.

This semester long course focuses on academic writing. It 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.

Successful completion of this course will allow students to transfer credit from the providing institution to any college or university they want to attend. NOTE: ENG 100 is a semester-long course, offered in the fall.

### ENG 110 Asbury University – Writing II

*Grade 12 ● Semester (0.5 cr, plus 3 hours college credit)*

C or better in Dual Credit ENG 100

This semester long course emphasizes argumentative writing. It provides further instruction in drafting and systematically revising essays that express ideas in Standard English. Includes continued instruction and practice in reading critically, thinking logically, responding to texts, addressing specific audiences, and researching and documenting credible academic sources. Successful completion of this course will allow students to transfer credit from the providing institution to any college or university they want to attend. NOTE: ENG 110 is a semester-long course, offered in the spring.

*Dual Credit requires admission to the partner college. There is an additional cost to take any LCA Dual Credit course offering. Additional information regarding the LCA Dual Credit Program will be provided upon requesting the course.*

### COM 130 Asbury University - Public Speaking & Media Influence in Culture

*Grade 12 ● Semester (0.5 cr, plus 3 hours college credit)*

Admission to Dual Credit partner college/university.

Students develop their public speaking and critical thinking skills by examining how mass oratory and media impact culture. Students will hone their public speaking skills by preparing, adapting, delivering and evaluating oral presentations. The course analyzes contemporary messages and systems of meaning in traditional and digital forms of popular media. Emphasis on recognizing media's impact on cultural formation, and the development of the critical tools necessary to recognize and engage worldviews embedded in media and messages. Students move beyond being passive consumers of media to being active, thoughtful and ethical communicators in today's participatory media culture.

### Public Speaking

*Grades 11, 12 ● Semester (0.5 cr)*

This course will introduce the students to the fundamentals of public speaking. Students will be guided through all steps of the speech writing process including researching, outlining, and delivering a speech. Students will give an array of speeches that will enhance their articulation and comfort with the art of elocution. This graduation requirement must be completed in-person in LCA's class.

### Public Speaking Online

*Grades 11, 12 ● Semester (0.5 cr)*

**This course is not available upon request.** Students may be placed in the course in an online environment only upon recommendation of the counselor or registrar and with principal approval when irreconcilable scheduling conflicts prohibit placement in a classroom section.

## KINETIC WELLNESS

Course Title	Grade	Length	Credit
Health	9	Sem	0.5
Physical Education	9	Sem	0.5
Physical Wellness	All	Sem	0.5

### General Physical Education

*Grade 9 ● Semester (0.5 cr)*

Designed to provide the student with a background in developing a total fitness program. Daily lessons include warm-up activities, calisthenics, and introductory games for team sports. Basic fundamentals, general rules, and a brief history of each sport are included. Emphasis is also placed on cardiovascular and skill development.

### Health

*Grade 9 ● Semester (0.5 cr)*

Designed to equip students in many practical areas of the Christian life. Topics covered include a review of body systems, sexual reproduction, first aid, substance abuse, relationships, disease/personal hygiene, mental/emotional health, and nutrition.

### Physical Wellness

*All Grades ● Semester (0.5 cr)*

May be repeated for additional elective credit

Challenge students in areas pertaining to physical wellness and health. Students will learn proper weight training techniques in basic lifts including: squat, power lift, and bench press. They will also receive instruction on how outside factors such as nutrition, sleep, and hydration affect a body in training. In addition to physical training, there is an emphasis on spiritual strength and character development.

## MATH DEPARTMENT

Course Title	Grade	Length	Credit
Algebra I	9	Year	1
Geometry	9, 10	Year	1
Honors Geometry	9, 10	Year	1
Algebra II	9, 10, 11	Year	1
Honors Algebra II	9, 10, 11	Year	1
Algebra III/ Trigonometry	10, 11, 12	Year	1
Statistics	10, 11, 12	Year	1
Honors Precalculus	10, 11, 12	Year	1
Calculus	11, 12	Year	1
Dual Credit Math (College Algebra and College Trigonometry, paired)	11*, 12	Sem	0.5 ea
AP Calculus AB	11, 12	Year	1
AP Calculus BC	12	Year	1
AP Statistics	10, 11, 12	Year	1

## Algebra I

*Grade 9 ● Year (1 cr)*

Algebra I is a basic high school mathematics course. The course's focus is on the use of positive and negative real numbers, variables, and their use in expressions and equations, word problems, and linear equations

## Geometry

*Grade 9, 10 ● Year (1 cr)*

Algebra I

Geometry is a college-preparatory course, which seeks to improve spatial visualization skills as well as logical reasoning. It is a key course in preparation for college entrance examinations. Topics to be covered include area, volume, parallel lines, congruency, proofs, right triangles, and circles.

## Honors Geometry

*Grades 9, 10 ● Year (1 cr)*

A in Algebra I

General content mirrors the college prep-level Geometry course. Topical areas will be examined in greater depth and at a more rapid pace. In addition, a greater emphasis will be placed on writing geometric proofs.

## Algebra II

*All Grades ● Year (1 cr)*

Geometry

Algebra II is a college-preparatory course. The student will not only extend knowledge from Algebra I but will also add new topics. Topics to be covered include quadratic equations, radical expressions, logarithmic and exponential functions, trigonometric functions, solving systems of equations, imaginary numbers, and introductory Trigonometry.

## Honors Algebra II

*All Grades ● Year (1 cr)*

A all semesters of Algebra I and Honors Geometry taken in either High School or Junior High School OR A all semesters Algebra I and 92 in CP Geometry

The general content of this course will mirror that of Algebra II. Topical areas will be examined in greater depth and at a more rapid pace. Homework expectations will be greater.

## Algebra III/Trigonometry

*Grades 10, 11, 12 ● Year (1 cr)*

Algebra II; cannot be taken after completing Precalculus, Calculus or Dual Credit MAT 150.

Reinforces algebraic skills, extends the level of exponential and logarithmic instruction and begins an introduction into trigonometric functions, graphing these functions, the unit circle, and verification of identities. This will make entry into a Precalculus class easier and also make it possible to enter a business calculus class successfully at the college level without the need for a trigonometric class prior to entering Business Calculus. This course is designed to benefit the student planning on advancing to college and studying any fields associated with business, science, math, statistics, technology or health. This course cannot be taken after completing Precalculus, Calculus or MAT 150/155.

## Statistics

*Grades 10, 11, 12 ● Year (1 cr)*

Minimum of Algebra III/Trigonometry as a junior or Algebra II as a senior

Designed to offer a continued study of quantitative thinking in the areas of statistics and probability. Students will be

introduced to the major concepts and tools for collecting and analyzing data as it relates to four conceptual themes: exploring data, sampling and experimentation, anticipating patterns and statistical inference.

## Honors Precalculus

*Grades 10, 11, 12 ● Year (1 cr)*

A or higher in Algebra I, Geometry and Algebra II or A in Honors Algebra II or A in Algebra III/Trigonometry

Honors Precalculus will cover all material that is within a regular Precalculus class. It is assumed that almost no time will be required for general algebra review. Honors Precalculus will cover limits and parametric equations which will enable students to begin AP Calculus at chapter 2 – omitting the review chapter and the first chapter on limits. If possible, an introduction into series and sequences will be started.

## Calculus

*Grades 11, 12 ● Year (1 cr)*

B (85%) in Honors Precalculus or B in MAT 150 and MAT 155

A college level mathematics course that cover similar topics to the AP Calculus AB course, yet moves at a much slower pace.

## DUAL CREDIT MATH – paired courses required

### MAT 150 BCTC - College Algebra

*Grade 12 ● Semester (0.5 cr, plus 3 hrs college credit)*

A in both semesters of Algebra III/Trigonometry or B (88%) in both semesters of Honors Precalculus or B (80%) in both semesters of Calculus; partner college admission; additional fee required; \*juniors with department approval

Includes selected topics in algebra and analytic geometry.

Develops manipulative skills and concepts required for further study in mathematics. Includes linear, quadratic, polynomial, rational, exponential, logarithmic and piecewise functions, systems of equations, and an introduction to analytic geometry.

### MAT 155 BCTC - College Trigonometry

*Grades 11, 12 ● Semester (0.5 cr, plus 3 hours college credit)*

C or higher in College Algebra; additional fee required

Includes the trigonometric functions, identities, multiple analytic formulas, laws of sines and cosines, graphs of trigonometric functions in rectangular and polar coordinates, and solving trigonometric equations. Emphasizes applications in each topic.

***Dual Credit requires admission to the partner college. There is an additional cost to take any LCA Dual Credit course offering. Additional information regarding the LCA Dual Credit Program will be provided upon requesting the course.***

### AP Calculus AB

*Grades 11, 12 ● Year (1 cr)*

B (88%) in both semesters of Honors Precalculus or Calculus or B in MAT 150 and MAT 155; PSAT or SAT Math 560 or higher or ACT Math 24 or higher

AP Calculus AB is a college level mathematics course that offers the opportunity for college credit upon completion. Topics to be covered include: limits, derivatives, and integrals. Students should anticipate spending more time studying outside of class than is normally expended. Some summer preparation and review is expected.

## AP Calculus BC

Grade 12 ● Year (1 cr) Subject to instructor availability

C (77%) or higher in AP Calculus AB

AP Calculus BC is a college level mathematics course that offers the opportunity for college credit for two semesters of Calculus. Topics include: limits, derivatives and all methods of integration, as well as series and sequences and their convergence and divergence. It will include the Taylor series and the McClaurin series. Students should anticipate spending more time with homework outside of class than is normally expected. Pace of the class will be set to allow for preparation for the exam in early May. Students taking the BC exam will have an AB sub score so that if the BC is not passed it is possible to still pass the AB exam. Students having previously passed the AB exam may sit for the BC exam and try to get credit for the second Calculus course at the college level.

## AP Statistics

Grades 11, 12 ● Year (1 cr)

B in Honors Precalculus or MAT 150 and MAT 155 or A in Algebra III/Trig

AP Statistics is a college level mathematics course that provides the opportunity for college credit for one semester of Statistics. Topics include: describing and exploring data, sampling and experimentation, anticipating patterns, and statistical inference. Students are expected and required to apply critical reading and writing skills which distinguishes the course from other math topics. Students should anticipate spending significant time with homework outside of class in order to prepare for the AP exam in early May.

# PROFESSIONAL STUDIES DEPARTMENT

## Business Courses

Course Title	Grade	Length	Credit
Accounting	All	Sem	0.5
Intro to Business	All	Year	1
Marketing	All	Sem	0.5
Personal Finance	11, 12	Sem	0.5
Business/Tech Internship	11, 12	Sem	0.5

### Accounting

All Grades ● Semester (0.5 cr)

Introduces students to the basic principles of accounting for sole proprietorships. Students will learn to journalize business transactions, post to ledgers and prepare financial statements. This class will benefit students who pursue a college degree in any area of business, choose a clerical occupation after graduation, as well as those who might own their own business.

### Introduction to Business

All Grades ● Year (1 cr)

Introduces students to the concepts and skills required for success in today's marketplace. Topics include basic global economics, entrepreneurship, human resources and management, leadership, basic financial management, marketing, production, and risk management. Students will also participate in an LCA Shark Tank Business Plan Challenge during the 2<sup>nd</sup> semester.

## Marketing

All Grades 11, 12 ● Semester (0.5 cr)

Marketing introduces students to the basic principles of marketing used by both for-profit and non-profit organizations. Students will learn the origins of marketing, the "marketing mix," how to understand the consumer, laws which impact marketing, branding, market research, and how to develop a mar-com plan. Throughout the semester, guest lecturers will share their knowledge and expertise from business and marketing. This course will allow students to illustrate their knowledge individually as well as in a semester-long group project where they will be asked to create and then present a mar-com plan for a business to a panel of experts. This class will benefit students who pursue a college degree in any area of business as well as those who might own their own business.

## Personal Finance

Grades 11, 12 ● Semester (0.5 cr)

Introduces students to the importance of personal financial analysis planning and management. Topics include understanding the foundations of financial planning, including budgets, debt, insurance, investments, retirement, saving and giving. This class will primarily use the Dave Ramsey curriculum titled *Foundations in Personal Finance*.

## Business and Technology Internship

Grades 11, 12 ● Semester (0.5 cr)

Approval by department and administrator; proof of acceptance into an approved internship program; may repeat for additional credit (4 sem max)

Provides students the opportunity to apply what they have learned in business classes to real world situations and allow them to obtain valuable work experience. Students must complete an application detailing the proposed internship location, hours, work scope and supervisor, to be approved by the Business Internship teacher. Assistance with acquiring an internship is available if needed. Students must complete and document a minimum of 50 hours of work in the semester (not including driving time). Course includes mandatory attendance at a Speaker Enrichment Series each Wednesday during 7<sup>th</sup> hour to hear from local business professionals.

## Legal Studies Courses

Course Title	Grade	Length	Credit
Introduction to Law	All	Sem	0.5
Business Law	All	Sem	0.5
Criminal Law	All	Sem	0.5
Mock Trial	All	Sem	0.5

### Introduction to Law ™

All Grades ● Semester (0.5 cr)

This class will help familiarize students with legal vocabulary. They will be introduced to the court system, as well as the primary subjects of substantive law. This course will cover many of the topics covered by first-year law students, such as: origins of law court systems, criminal law, torts, contracts, and property. Some constitutional law will be included. Students will discuss the ethical implications of laws and their applications. Additionally, students will be challenged to consider these topics from a Biblical Worldview.

## Business Law

*All Grades ● Semester (0.5 cr)*

Theme-related, law-based course focuses on the study of law for business and personal use. Designed to introduce topics such as ethics, contracts, sales, court systems, employment, and personal business transactions in business and personal law, beginning with the origins of law. The material provides students with practical guidelines for becoming well-informed, contributing citizens and consumers, both now and in the future. Also develops a fundamental understanding of how the law governs business and its operations.

## Criminal Law

*All Grades ● Semester (0.5 cr)*

Introduces students to criminal law and procedure. Course material will include an overview of constitutional law governing criminal proceedings from arrest through trial. Students will analyze landmark Supreme Court cases and discuss recent developments in criminal law. Throughout the course, students will also consider ethical issues related to criminal law, from investigation to penalty phase.

## Mock Trial *H*

*All Grades ● Semester (0.5 cr)*

Designed to improve students' skills of argument and persuasion through the development of a case for trial. The course will begin with exercises in argumentative writing and a review of basic civil and criminal procedure. Students will practice various aspects of trial procedure, including opening statements, direct and cross-examination of witnesses, and closing arguments. While the final exam will be performance in the trial, there will be several writing assignments throughout the semester.

## Engineering & Technology Courses

Course Title	Grade	Length	Credit
Application Design and Programming I: Python	All	Semester	0.5
Application Design and Programming II: C++	All	Semester	0.5
PLTW Introduction to Engineering	All	Year	1
PTLW Principles of Engineering	10, 11, 12	Year	1
AP Computer Science A	10, 11, 12	Year	1
AP Physics	12	Year	1

## Application Design & Programming I: Python

*All Grades ● Semester (0.5 cr)*

Concurrent Geometry or higher math; minimum of B in Algebra I

Provides students with an opportunity to learn the fundamentals of programming using Python. Python is a general-purpose, interpreted high-level programming language whose design philosophy emphasizes code readability. No prior programming experience is required, but a good working knowledge of the computer system is required. Students will learn Python concepts and design through hands-on examples which will aid them in preparation for the C++ and AP Computer Science Java programming classes.

## Application Design & Programming II: C++

*All Grades ● Semester (0.5 cr)*

Concurrent Geometry or higher math; minimum of B in App Design I: Python

Provides students with an opportunity to build their programming skills and fundamentals using C++. C++ is a statically typed, free-form, multi-paradigm, compiled, general-purpose programming language. It is regarded as an intermediate-level language, as it comprises a combination of both high-level and low-level language features. Students will learn C++ programming concepts and design through hands-on examples which will aid them in preparation for the AP Computer Science Principles class.

## Introduction to Engineering Design

*All Grades ● Year (1 cr)*

Geometry

Students dig deep into the engineering design process, applying math, science and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3-D modeling software AutoDesk Inventor and use an engineering notebook to document their work. This course is Project Lead the Way class (PLTW).

## Principles of Engineering

*Grades 10, 11, 12 ● Year (1 cr)*

Intro to Engineering, Geometry

Students explore a broad range of engineering topics including mechanisms, strength of structure, and automation, and then they apply what they know to take on challenges like designing a self-powered car.

## AP Computer Science A

*All Grades ● Year (1 cr)*

Concurrent Precalculus; B both semesters of Algebra II or C both semesters of Honors Algebra II; completion of Application Design & Programming I and II with 90 or better; department approval

This full-year course provides students with an opportunity to learn the fundamentals of programming using Java. No prior programming experience is required but highly recommended. A good working knowledge of the computer system as a whole is required. Students will learn Java concepts through hands-on examples which will aid them in preparation for the AP Computer Science A exam. It is critical that students be able to read detailed directions and flow charts and follow them carefully.



## SCIENCE DEPARTMENT

Course Title	Grade	Length	Credit
Biology	9, 10	Year	1
Honors Biology	9, 10	Year	1
Conceptual Physics	10	Year	1
Chemistry	10, 11	Year	1
Honors Chemistry	10, 11	Year	1
Anatomy	11, 12	Semester	0.5
Honors Anatomy	10, 11, 12	Year	1
Forensics	11, 12	Semester	0.5
Genetics	11, 12	Semester	0.5
Microbiology	11, 12	Semester	0.5
AP Biology	11, 12	Year	1
AP Chemistry	11, 12	Year	1
AP Physics	11, 12	Year	1

### Biology

#### *Grade 9 ● Year (1 cr)*

Students will develop a clear understanding of biological concepts, the use of important scientific processes in the laboratory, and proficiency in creative and critical problem solving. Included will be a correlation of Scripture and science along with an appreciation of God's order in the world.

### Honors Biology

#### *Grades 9, 10 ● Year (1 cr)*

A in 8<sup>th</sup> grade Physical Science; 90% in Algebra I or 85% in Geometry

Taught at an accelerated and in-depth pace, Honors Bio prepares students for AP Biology. Topics covered include those from the regular Biology as well as evolution (in depth), metabolism and molecular genetics.

### Conceptual Physics

#### *Grade 10 ● Year (1 cr)*

Completed Algebra I; concurrent enrollment in Geometry

Designed to introduce students to Physics, applying the science content to math concepts learned in Algebra I. Through projects and problem-solving, students will explore Newton's Laws of Motion, momentum & collisions, rotational motion, heat, electricity, and waves. Students will develop a deep, conceptual understanding of physics as they explore how physics relates to the real world.

### Chemistry

#### *Grades 10, 11 ● Year (1 cr)*

Completed Geometry; concurrent enrollment in Algebra II

Objective is an understanding of how God is the "designer" of chemistry. Students will develop critical thinking and problem-solving skills. Topics include atomic structure, chemical formulae and equations, the periodic table, and gas laws. Laboratory experiences are integrated throughout.

### Honors Chemistry

#### *Grades 10, 11 ● Year (1 cr)*

B (85%) in Honors Biology and B (85%) in Geometry or A (90%) in Biology and B (85%) in Geometry; concurrent enrollment in Algebra II

Taught at an accelerated pace, Honors Chemistry prepares students for AP Chemistry. Topics include those from the regular Chemistry course, in addition to acids and base equilibria, Reaction Rates, Oxidation reduction reactions, among others. Students must take this course, and earn at least a B each semester, to be permitted to enroll in AP Chemistry.

### AP Biology

#### *Grades 10\*, 11, 12 ● Year (1 cr)*

B each semester in Honors Biology or A each semester in Biology or Chemistry; department approval; \*Sophomores must take concurrent Honors Chemistry and have department approval

AP Biology is designed to be the equivalent of a two semester, first-year, college biology course taken by biology majors. Students will prepare to take the AP exam for college credit. Cover cellular and molecular biology, biochemistry, heredity, evolution, populations and ecology. AP Bio is designed to be taken after completion of Chemistry and Biology. Students who have taken Physical Science and Honors Biology may take AP Bio concurrent with Chemistry.

### AP Chemistry

#### *Grades 11, 12 ● Year (1 cr)*

A or B in Honors Chemistry; A in Algebra II; completion of or concurrent enrollment in Honors Precalculus; department approval

AP Chemistry is a college-level science course that offers the opportunity for college credit upon completion. Topics covered include: thermochemistry, atomic structure, oxidation-reduction reactions, and chemical equilibrium. Upon completion of this course, students will have the opportunity to sit for the AP Chemistry exam attempting to earn college credit. Students must be willing to spend time working outside of class and be committed to some independent study.

### Anatomy

#### *Grades 11, 12 ● Semester (0.5 cr)*

Biology

Focuses is on human anatomy and physiology, an expected background course for those students pursuing health-related or scientific careers. The scope of this course is the human body and its functions.

### Honors Anatomy

#### *Grades 10\*, 11, 12 ● Year (1 cr)*

A or B each semester in Honors Biology or A each semester in Biology with department approval. \*Sophomores with Honors Bio and department approval.

Honors Anatomy is a full-year course taught at an accelerated rate and in-depth pace, with a lab focus. The course prepares students intending to pursue health-related careers. Topics covered include those from CP Anatomy, as well as additional body systems and genetics.

### Forensics

#### *Grades 11, 12 ● Semester (0.5 cr)*

Biology

Surveys key topics in forensic science, including the application of the scientific process to forensic analysis, procedures and principles of crime scene investigation, physical and trace evidence, and the law and courtroom procedures from the perspective of the forensic scientist. Through virtual and hands-on labs and analysis of fictional crime scenarios, students will learn about forensic tools, technical resources, forming and testing hypotheses, proper data collection, and responsible conclusions.

## Genetics

*Grades 11, 12 ● Semester (0.5 cr)*

### Biology

This semester course deals structure and function of DNA, human genetic disease, biotechnology and ethical issues in genetics. Labs will focus on biotechnology skills such as electrophoresis and genetic crosses of organisms such as plants and fruit flies.

## Microbiology

*Grades 11, 12 ● Semester (0.5 cr)*

### Biology

This semester course covers the groups of bacteria and viruses with an emphasis on their role in human disease. Labs will focus on sterile technique, food preparation and disease prevention.

## AP Physics C: Mechanics

*Grades 11, 12 ● Year (1 cr)*

### B (85%) in Honors Precalculus

AP Physics C: Mechanics is a calculus-based, college-level physics course. It covers kinematics; Newton's laws of motion; work, energy, and power; systems of particles and linear momentum; circular motion and rotation; oscillations; and gravitation.

## SOCIAL STUDIES DEPARTMENT

Course Title	Grade	Length	Credit
World Civilizations	10	Year	1
AP World History: Modern	10	Year	1
US History	11	Year	1
AP US History	11	Year	1
American Government	12	Sem	0.5
AP US Government & Politics	12	Year	1
Economics	12	Sem	0.5
AP Economics (Micro/Macro)	12	Year	1 each
AP Human Geography*	All	Year	1
AP Psychology	11, 12	Year	1

\*first AP course available for freshmen

## World Civilizations

*Grade 10 ● Year (1 cr)*

A study of the major events in the history of humankind, beginning with a study of man's first civilization and moving on to the 20th century. A special focus will be on European and Middle Eastern history, including a study of their ideas and impact on history.

## AP World History: Modern

*Grade 10 ● Year (1 cr)*

### A in 8<sup>th</sup> grade Social Studies; department approval

AP World History: Modern will allow students to investigate significant event, individuals, developments, and process from approximately 1200 C.E. to the present. Students will develop and use skills, practices, and methods to analyze primary and secondary sources, making historical comparisons, utilizing reasoning about contextualization, causation, continuity and change over time, and developing historical arguments.

Students will make connections among historical developments in different times and places by examining the interaction between humans and the environment; development and interaction of cultures; state building, expansion, and conflict; creation, expansion, and interaction of economic systems; and development and transformation of social structures.

## US History

*Grade 11 ● Year (1 cr)*

US History will focus on the main people, events, and themes that have shaped United States history from Reconstruction to present day and God's role in the development of the country.

## AP US History

*Grade 11 ● Year (1 cr)*

### A in both semesters of World Civilization or B (85%) in AP World History: Modern; department approval

In this college-level course, students will cover the same time period and events as US History 11 (1492-present) but with greater emphasis on primary source analysis and synthesis. Writing and discussion are integral components of this course. This course moves fast, so outside reading and note-taking is essential. Upon completion, students will have the opportunity to sit for the AP United States History exam, to attempt to earn college credit.

## American Government

*Grade 12 ● Semester (0.5 cr)*

American Government will focus on the political systems found in the US Government. It will give a general overview of differing political philosophies with a special emphasis on those that influenced the development of the Constitution. Topics will then move directly into the operation of our government, specifically the development of powers of the Legislative, Executive and Judicial Branches.

## AP US Government and Politics

*Grades 12 ● Sem (1.0 cr)*

### A both semesters in US History or B (85%) in AP US History

Students will study the key concepts and institutions of the political system and culture of the United States. Units include Foundations of American Democracy, Interactions Among the Branches of Government, Civil Liberties and Civil Rights, Political Ideologies and Beliefs and Political Participation. Students will read key documents in US government and **complete a research or applied civics project**. At the end of this course, students may elect to take the AP exam.

## Economics

*Grade 12 ● Semester (0.5 cr)*

Students will study two broad areas: microeconomics and macroeconomics. Microeconomics focuses on basic economics principles as well as a study of individual areas such as household finance and budget. Macroeconomics will focus more on the systemic forces that drive economies. Also discussed will be various types of economic structures, theories, and practices.

## AP Microeconomics (fall semester) *AND*

## AP Macroeconomics (spring semester)

Grade 12 ● Semester (1.0 cr each)

MUST BE TAKEN AS A PAIR; Algebra II; department approval

This course pairing covers both Microeconomics and Macroeconomics. It begins with outlining the basic principles of economics. It then moves into a study in Microeconomics, which includes the functions of individual decision makers, both consumers and producers, within the economic system. It places primary emphasis on the nature and functions of product markets and includes the role of government in promoting greater efficiency and equity in the economy. Following that will be a study in Macroeconomics, which discusses the principles of economics that apply to an economic system as a whole. Such topics include a study of national income, price-level determination, economic performance measures, the financial sector, stabilization policies, economic growth and international economics. Students will be prepared to sit for BOTH the AP Microeconomics and AP Macroeconomics tests in the spring.

## AP Human Geography *H*

All Grades ● Year (1 cr)

A in 8<sup>th</sup> grade Social Studies course; department approval

Introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the Earth's surface. Students learn to employ spatial concepts and landscape analysis to examine human socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. Specific topics include: The nature and perspectives of geography, population and migration, cultural patterns and processes, Political organization of space, agriculture, industrialization and economic development, and cities and urban land use.

## AP Psychology

Grades 11, 12 ● Year (1 cr)

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

## WORLD LANGUAGES DEPARTMENT

Course Title	Grade	Length	Credit
French I	8, 9-11	Year	1
French II	All	Year	1
Honors French III	10, 11, 12	Year	1
Honors French IV	11, 12	Year	1
AP French Language	12	Year	1

Latin I	All	Year	1
Latin II	10, 11, 12	Year	1
Spanish I	8, 9-11	Year	1
Spanish II	All	Year	1
Honors Spanish III	10, 11, 12	Year	1
Honors Spanish IV	11, 12	Year	1
AP Spanish Language	11, 12	Year	1

## French I

Grades 8, 9, 10, 11 ● Year (1 cr)

The primary objective of this course is to enable students to acquire the basic skills necessary to begin communicating in French. Emphasis on all four language skills is included: listening, reading, speaking, and writing. Students will learn basic vocabulary and grammatical structures of the French language. French language will be the primary language in the classroom.

## French II

All Grades ● Year (1 cr)

French I

As an extension of French I, French II is designed to continue the development of comfortable communication and knowledge of the French language. A secondary objective is to begin to give students insight into the Francophone world. Students will continue vocabulary acquisition, grammar development, reading of Bible verses in French, and expanding their use of the French language in the classroom and in conversation. French language will be the primary language in the classroom.

## Honors French III

Grades 10, 11, 12 ● Year (1 cr)

B in both semesters of French I and Semester 1 of French II; recommendation

Emphasis is placed on reading, writing and conversational skills. Students will continue vocabulary and grammar development, but importance will be placed on using French to communicate. The course is conducted entirely in French.

## Honors French IV

Grades 11, 12 ● Year (1 cr)

B in both semesters of French II and Semester 1 of French III; recommendation

Designed to continue the development of students' language skills and to approach fluency in French. Extensive grammar review and working with reading strategies will help prepare students for further studies in the language. History topics from prehistoric through Napoleon will be studied. The course is conducted entirely in French.

## AP French Language

Grades 10, 11, 12 ● Year (1 cr)

B in both semesters of French IV; department approval

AP French will increase the understanding of written and spoken French, as well as improve ability to respond in correct and idiomatic French. Upon completion of this course students will be at a level consistent with that of students who have completed three years (six semesters) of college courses in the French language and have the opportunity to sit for the AP French language exam to earn college credit.

**Latin I** *H* when taken as elective, not to fulfill World Language requirement  
All Grades ● Year (1 cr)

The primary objectives of this course are to bring students to the point where they can read the Latin of classical authors with confidence. This course will enhance general language learning techniques, including facility with English and enhancement of English vocabulary. Students will develop awareness of the culture of the Romans, its historic significance for us as Christians and contemporary relevance.

**Latin II** *H* when taken as elective, not to fulfill World Language requirement  
Grades 10, 11, 12 ● Year (1 cr)

**Latin I**  
This course will cover intermediate grammar and elements of composition so that students are able to read and write intermediate passages in Latin. They read aloud Latin passages for comprehension. The relationship of English to Latin is emphasized in vocabulary building, word derivation, and meanings of prefixes and suffixes. Points of grammar and syntax are developed through the study of classical literary passages. The geography, history, government and culture of Rome and the early Church are studied.

**Spanish I**  
Grades 8, 9, 10, 11 ● Year (1 cr)

The primary objective of this course is to enable students to acquire the basic skills necessary to begin communicating in Spanish. Emphasis on all four language skills is included: listening, reading, speaking, and writing. Students will learn basic vocabulary and grammatical structures of the Spanish language.

**Spanish II**  
All Grades ● Year (1 cr)

**Spanish I**  
Spanish II enables the student to become more comfortable communicating. Students practice conversation, vocabulary acquisition, and grammar development through speaking the Spanish language. Students become familiar with Spanish-speaking cultures as they practice listening, writing, reading, and speaking in Spanish.

**Honors Spanish III**  
Grades 10, 11, 12 ● Year (1 cr)

**B** in both semesters of Spanish I and Sem 1 of Spanish II; recommendation  
Honors Spanish III emphasizes reading, writing, and conversational skills. Students will continue vocabulary and grammar development, but the importance will be placed on using Spanish to communicate. The Spanish language will be the primary language in the classroom.

**Honors Spanish IV**  
Grades 11, 12 ● Year (1 cr)

**B** in both semesters of Spanish II and Semester 1 of Honors Spanish III; recommendation  
Honors Spanish IV is an advanced level course that stresses a general appreciation of literature, writing and conversation. It also includes a comprehensive review of grammar.

**AP Spanish Language**  
Grades 11, 12 ● Year (1 cr)

**B** in both semesters of Spanish IV; Seniors may advance from Spanish III to AP Spanish with added summer work

Students will read, speak and write in Spanish. The goal of this class is to become proficient in the Spanish language and culture. Six overarching themes will be studied: Families and Communities, Science and Technology, Beauty and Aesthetics, Contemporary Life, Global Challenges, Personal and Public Identities. At the end of the year, students will have the opportunity to take the AP Spanish Language and Culture Exam.

## OTHER ELECTIVE COURSES

**Teacher/Office Aide**

Grade 12 ● Semester (0.25 cr) *Pass/Fail*  
Teacher approval

Assisting teachers and/or staff members with daily tasks, planning and communications. Aides are required to sign a confidentiality agreement and expected to be professional and discrete. Students will be removed from the TA course for violating confidentiality or at the supervisor's request. To obtain credit for this class, students will complete personal evaluations of work. May be repeated for additional credit.

**Chapel Tech Student Aide**

Grade 10-12 ● Semester (0.25 cr) *Pass/Fail*  
Student Life Director, principal, and IT approval

The chapel tech internship is a way for students to expand their technical skills while providing a valuable service to our school. Students will take a leadership role in providing technical support for chapel services and additional events as needed. Ideally, this student has experience with a/v equipment, lighting, and technology related to computer applications. This student will serve in the a/v booth before, during, and immediately after chapel to ensure audio, video, and other technological needs are met. To obtain credit for this class, students will complete personal evaluations of work. May be repeated for additional credit.

**Eagle IT Help Desk**

Grades 11, 12 ● Semester (0.25 cr) *Pass/Fail*  
LCA IT Department approval; may be repeated for additional credit

Eagle Help Desk internship provides a way for students to expand their technology integration and proficiency, while providing a valuable service to the school. Students will take a leadership role in providing technology support, troubleshooting, and other computer resources for both students and teachers. In order to obtain credit for the class, the student must provide a personal evaluation of the work completed by the end of the semester. This evaluation must be signed by a member of the LCA IT staff.

**FLEX Support**

All Grades ● Semester (0.5 cr)  
Available to students on an approved LCA Plan only

The FLEX seminar is a specialized course designed to support, encourage, and help students who are on an LCA Plan with structured study skills, note taking instruction, learner-type assessment and reflection, organizational skills, time management skills, stress management, self-advocacy and responsibility, and future planning and goal setting. Students in this course will be required to keep a school planner.

## **International Accelerated Study Abroad**

### **Focus: Christian Leadership**

*All Grades ● Varies (0.25 cr)*

*Pass/Fail*

No limit on number of trips taken or elective credit earned

Study Christian leadership skills within the context of famous destinations. Topics of study vary based on the location, but may cover relationships, communication, worldviews, philosophy, culture, history and personalities. The course focuses on learning to be a Christian leader in a broken world and teaches students how to live a story worth telling and positively influence those around them. This course contains work required outside of class time, as well as one week of international travel (cost in addition to tuition) to a European/Asian country. Completion of all coursework is required for credit. *Possible destinations: China, England, France, Germany/Czech Republic, Greece, Israel, Italy, or Poland. Partner Organization: Global Next Leadership Institute ([www.globalnext.org](http://www.globalnext.org))*

### **Leadership Forum**

*All Grades ● Year (0.25 cr)*

*Pass/Fail*

Application and acceptance into Leadership Forum; students are expected to participate in Leadership Forum throughout high school

Leadership Forum challenges students to learn and grow into better leaders through group discussion once a month and a yearly service project.

### **Life Skills**

*All Grades ● Semester (0.5 cr)*

This course introduces students to skills related to personal and professional growth and development, including but not limited to, goal setting, time and stress management, consumer management skills, nutrition and basic food preparation, and career assistance (resume, cover letters, interviewing, etc.). Additionally, this class will teach students how to effectively read their Bible. There will be a fee associated with this course.

## **Study Hall**

*All Grades ● Semester (0 cr)*

*Ungraded*

Students may opt to have a study hall during any semester, as long as they are on track with all academic requirements for graduation. Study hall is a monitored hour where students may complete homework, required reading, test review or other class projects. This opportunity is available so that students who are enrolled in a more rigorous course load or who have afterschool commitments with church, athletics, employment, etc...may stay on top of their studies and reduce the evening time required for schoolwork.

## **Work Release**

*Grades 12 ● Semester (0 cr)*

*Ungraded*

Administrator approval

Seniors who are on track to graduate, including fulfillment of all elective requirements, may be permitted to leave school after 6<sup>th</sup> hour to begin their afterschool employment. Documentation of employment is required prior to approval of the Work Release. Students are required to sign out in the High School Office every day before leaving campus. Detentions will be issued if students do not sign out daily.

# 2023-2024 LCA High School Course List

## ART & HUMANITIES – Media Arts *H all courses*

Course Title	Grade	Length	Credit
Graphic Design	All	Sem	0.5
Video Production	All	Sem	0.5
Advanced Digital Media I-IV	10, 11, 12	Sem	0.5
Digital Photography I*	All	Sem	0.5
Digital Photography II*	All	Sem	0.5
Journalism/News <i>H</i>	All	Year	1
Journalism/Yearbook <i>H</i>	All	Year	1

## ARTS & HUMANITIES – Performing Arts *H all courses*

Course Title	Grade	Length	Credit
Instrumental Music	All	Year	1
Chorus	All	Year	1
Drama I and II	All	Sem	0.5
Piano	All	Sem	0.5
Guitar	All	Sem	0.5
Hist of Vis & Perf Arts	11, 12	Sem	0.5
AP Music Theory	11, 12	Year	1

## ARTS & HUMANITIES – Visual Arts *H all courses*

Course Title	Grade	Length	Credit
2D Art I-III	All	Sem	0.5
3D Art I-III	All	Sem	0.5
Printmaking	All	Sem	0.5
Advanced Studio Art	11, 12	Sem	0.5
History of the Visual and Performing Arts	11, 12	Sem	0.5
AP Art History	10, 11, 12	Year	1
AP Studio Art	11, 12	Year	1

## BIBLE

Course Title	Grade	Length	Credit
I: Christ in the Old and New Testaments	9	Year	1
II: Themes of Scripture	10	Year	1
III: Christianity and World Religions	11	Year	1
IV: Ethics and Culture in a Modern Society	12	Year	1
Apologetics	All	Sem	0.5
Leadership and Spiritual Formation	All	Sem	0.5
Ministry Studies	All	Sem	0.5
Christian Ministry & Leadership Internship	12	Sem	0.5

## ENGLISH

Course Title	Grade	Length	Credit
English I	9	Year	1
Honors English I	9	Year	1
English II	10	Year	1
Honors English II	10	Year	1
English III	11	Year	1
Honors English III	11	Year	1
AP English Language and Composition	11	Year	1
English IV	12	Year	1
AP English Literature	12	Year	1
Dual Credit English (ENG 100 and ENG 110)	12	Year (sem ea)	1 (0.5 ea)
Speech~	12	Sem	0.5
Dual Credit Public Speaking (COM 130)	12	Sem	0.5

~Online available. Placement by school, not available upon request.

## KINETIC WELLNESS

Course Title	Grade	Length	Credit
Health (spring)	9	Sem	0.5
Physical Education (fall)	9	Sem	0.5
Physical Wellness^	All	Sem	0.5

## MATH

Course Title	Grade	Length	Credit
Algebra I	9	Year	1
Geometry	9, 10	Year	1
Honors Geometry	9, 10	Year	1
Algebra II	9, 10, 11	Year	1
Honors Algebra II	9, 10, 11	Year	1
Algebra III/Trigonometry	10, 11, 12	Year	1
Statistics	10, 11, 12	Year	1
Dual Credit Math (College Algebra and College Trigonometry)	11, 12	Year (sem ea)	1 (0.5 ea)
Honors Precalculus	10, 11, 12	Year	1
Calculus	11, 12	Year	1
AP Calculus AB	11, 12	Year	1
AP Calculus BC	12	Year	1
AP Statistics	10, 11, 12	Year	1

**PROFESSIONAL STUDIES – Business & Legal Studies**

Course Title	Grade	Length	Credit
Accounting	All	Sem	0.5
Intro to Business	All	Year	1
Marketing	All	Sem	0.5
Personal Finance	11, 12	Sem	0.5
Intro to Law <i>H</i>	All	Sem	0.5
Business Law	All	Sem	0.5
Criminal Law	All	Sem	0.5
Mock Trial <i>H</i>	All	Sem	0.5
Business and Technology Internship	11, 12	Sem	0.5

**PROFESSIONAL STUDIES – Engineering & Technology**

Course Title	Grade	Length	Credit
Application Design and Programming I: Python	All	Sem	0.5
Application Design and Programming II: C++	All	Sem	0.5
PLTW Introduction to Engineering	All	Year	1
PLTW Principles of Engineering	10, 11, 12	Year	1
AP Computer Science A	10, 11, 12	Year	1

**SCIENCE**

Course Title	Grade	Length	Credit
Biology	9	Year	1
Honors Biology	9	Year	1
Conceptual Physics	10	Year	1
Chemistry	10, 11	Year	1
Honors Chemistry	10, 11	Year	1
AP Biology	11, 12	Year	1
AP Chemistry	11, 12	Year	1
Honors Anatomy	10, 11, 12	Year	1
Anatomy	11, 12	Sem	0.5
Forensics	11, 12	Sem	0.5
Genetics	11, 12	Sem	0.5
Microbiology	11, 12	Sem	0.5
AP Physics C: Mechanics	11, 12	Year	1

**SOCIAL STUDIES**

Course Title	Grade	Length	Credit
World Civilizations	10	Year	1
AP World History	10	Year	1
US History	11	Year	1
AP US History	11	Year	1
American Government	12	Sem	0.5
AP US Government & Politics	12	Year	1
Economics	12	Sem	0.5
AP Economics (Sem Micro + Sem Macro)	12	Year	1 each
AP Human Geography <i>H</i>	All	Year	1
AP Psychology	11, 12	Year	1

**WORLD LANGUAGES**

Course Title	Grade	Length	Credit
French I	8, 9-11	Year	1
French II	All	Year	1
Honors French III	10, 11, 12	Year	1
Honors French IV	11, 12	Year	1
AP French Language	11, 12	Year	1
Latin I <i>H as elective</i>	All	Year	1
Latin II <i>H as elective</i>	10, 11, 12	Year	1
Spanish I	8, 9-11	Year	1
Spanish II	All	Year	1
Honors Spanish III	10, 11, 12	Year	1
Honors Spanish IV	11, 12	Year	1
AP Spanish Language	11, 12	Year	1

**OTHER**

Course Title	Grade	Length	Credit
Teacher/Office Aide ↓	12	Sem	0.25
Chapel Tech Student Aide ↓	10, 11, 12	Sem	0.25
Eagle IT Help Desk ↓	11, 12	Sem	0.25
FLEX Support	LCA Plan	Sem	0.5
Study Hall ≠	All	Sem	0
Life Skills	All	Sem	0.5
Work Release ≠	12	Sem	0
Study Abroad: Christian Leadership	All	Varies	0.25

*H* Meets Humanities/Fine Arts Requirement

↓ Pass/Fail Course, does not factor into GPA

≠ Ungraded

## High School Clubs & Organizations 2024-2025

### Academic Team

*All Grades ● Membership Fee* *Cathy Hicks*  
Graduation Cord for 4-year members chicks@lexingtonchristian.org

The academic team provides an opportunity for students to showcase their academic achievement and practice teamwork. Students have the opportunity to compete in quick recall team-based competition and individual written assessments. Practice typically happens twice a week before or after school, and there are 3-4 Saturday competitions between November and March. For more information, see KAAC.com. There is a \$75 fee to cover entrance fees and shirts.

### Beta Club

*All Grades ● 3.25 GPA, Membership Fee* *Alyse Treesh*  
Graduation Cord atreesh@lexingtonchristian.org

The National Beta Club Mission Statement is: *To promote the ideals of academic achievement, character, service, and leadership among elementary and secondary students.* Beta Club recognizes and honors high academic achievement, prepares young people for life and empowers them to be successful, develops the leaders of tomorrow. Our motto is: *Let Us Lead by Serving Others.* To be eligible, students must have and maintain a 3.25 GPA. If eligible, students will receive a letter of invitation from the chapter advisor. Dues are \$50 which includes chapter fees, graduation cords, and a \$5 incidental fee for club activities. Membership invitations are sent to qualifying students in grades 10-12 in the fall semester; invitations to qualifying freshmen are sent in early spring semester.

### Chick-Fil-A Leader Academy

*Grades 10-12* *Lauren Jarvis*  
ljarvis@lexingtonchristian.org

CFA is a leadership organization focused on making an impact through action. We engage students where they are with what interests them. We introduce students to new and unique ideas and insights. We equip students with tangible tools for their leadership journey. Participation in CFA is limited to one year.

### Drama Club

*All Grades* *Aaron Merz*  
amerz@lexingtonchristian.org

The Drama Club is a student-led organization for students who enjoy theater and performing. The Drama Club typically produces a show during the fall semester. The club meets twice a week to rehearse after school; however, the number of rehearsals for participants varies depending on their role. Members are expected to attend rehearsals, memorize lines and staging, and perform in the final production. Participants may be asked to purchase or bring clothes for their costumes.

### Entrepreneur Club

*All Grades* *Keith Galloway*  
kgalloway@lexingtonchristian.org

The Entrepreneur Club aims to provide a forum that allows likeminded students to network and share while creating an environment that will foster innovation and entrepreneurship. The Entrepreneur Club is open to all high school students and meets on a monthly basis. Club meetings

will consist of guest speakers from the community, brainstorming sessions, and club project(s).

### French Club

*All Grades ●* *Alyse Treesh*  
atreeshs@lexingtonchristian.org

The French Club was created to give students who love the French culture and language an opportunity to indulge in some fun activities that we might not otherwise have time for in class. Typically, the club meets once a month before school. Activities include making and/or eating French food like crepes, macarons, baguettes, fondue, etc., playing games, socializing, practicing French conversation, painting, and learning about and celebrating French holidays. We ask that members of the club donate \$5 at the first meeting to help cover the cost of our activities.

### French Honor Society

*Grades 11,12 ● Membership Fee* *Janna Fults*  
Graduation Cord jfults@lexingtonchristian.org

FHS is reserved only for those who have taken at least 3 years of high school French (must be a Junior) and have (as well as maintain) an A in the class. If a student is eligible, he/she will receive a letter of invitation. Dues cover the cost of graduation cords.

### Leadership Forum

*All Grades ● Year(0.25 cr, Pass/Fail)* *Keith Galloway*  
kgalloway@lexingtonchristian.org

Application and acceptance into Leadership Forum; students are expected to participate in Leadership Forum throughout high school.

Leadership Forum challenges students to learn and grow into better leaders through group discussion once a month and a yearly service project. Students must apply and be accepted into Leadership Forum and are expected to participate throughout their high school enrollment.

### Mu Alpha Theta Math Honor Society

*All Grades ● Membership Fee* *Crystal Trower*  
Graduation Cord ctrower@lexingtonchristian.org

Mu Alpha Theta is a national organization for students who have an interest in mathematics and want to promote this interest within their school, home and community. National requirements for members include completion of 4 semesters of college preparatory mathematics, enrollment in a third year of college preparatory mathematics, and a minimum of a 3.0 GPA in all math classes. A one-time membership fee of \$20 covers the graduation cord, diploma sticker, and the official Mu Alpha Theta certificate. Students must apply for membership. Invitations will be issued to qualifying members. Applications for membership will be accepted in the fall.

### National Honor Society

*Grades 10, 11, 12 ● Membership Fee* *Meredyth Davis*  
Graduation Cord mdavis@lexingtonchristian.org

The purpose of NHS is to create enthusiasm for scholarship, to stimulate a desire to render service, to promote leadership, and to develop character in the students of secondary schools. Membership in local NHS chapters is an honor bestowed upon a student by a Faculty Council and is based on the four pillars



of NHS: scholarship, character, leadership, and service. Once selected, members have the responsibility to continue to demonstrate these qualities. To be eligible, students must have a cumulative GPA based on grade level (10<sup>th</sup> grade 3.8, 11<sup>th</sup> grade 3.65, 12<sup>th</sup> grade 3.5) and maintain a 3.5 GPA thereafter. If eligible, students will receive a letter of invitation from the chapter advisor with application requirements. Dues are \$25 which includes chapter fees and graduation cords. Membership invitations are sent to qualifying seniors in the fall semester and to qualifying sophomores and juniors

### **Prom Committee**

*Grade 11* *Kathy Picarazzi*  
[kpicarazzi@lexingtonchristian.org](mailto:kpicarazzi@lexingtonchristian.org)

The Prom Committee is comprised of a group of 11<sup>th</sup> grade students who meet regularly to assist the Prom Committee Chairs in planning the events for prom. The Committee will assist in all details including the theme, decorations, favors, venue, food, and DJ. The Committee will also take the lead in promoting ticket sales for Prom.

### **Spanish Club**

*All Grades • Nominal Member Donation* *Mary Kay Phillips*  
[mphillips@lexingtonchristian.org](mailto:mphillips@lexingtonchristian.org)

The Spanish Club was created to give students who love the Spanish culture and language an opportunity to experience some fun activities that we might not otherwise have time for in class. Typically, the club meets once a month before school. Activities include making and/or eating Spanish food like tacos, churros, etc., playing games, socializing, practicing Spanish conversation, crafting, and learning about and celebrating Spanish holidays. We ask that members of the club donate \$5 at the first meeting to help cover the cost of our activities.

### **Spanish Honor Society**

*Grades 11, 12 • Membership Fee* *Mary Kay Phillips*  
[mphillips@lexingtonchristian.org](mailto:mphillips@lexingtonchristian.org)

SHS is reserved only for those who have taken at least 3 years of high school Spanish (must be a Junior) and have (as well as maintain) an A in the class. If a student is eligible, he/she will receive a letter of invitation. Dues cover the cost of graduation cords.

### **Student Council**

*All Grades* *Keith Galloway*  
[kgalloway@lexingtonchristian.org](mailto:kgalloway@lexingtonchristian.org)

Student Council serves as a liaison to help bridge the gap by enhancing communication between students and faculty, serving in leadership activities and heading up service projects within our community. Students interested in serving on Student Council must apply and run for office in May, except for rising freshmen for whom elections are in late August. Offices for each grade include president, vice president and secretary/treasurer. Student Council takes on the responsibility of daily announcements, pledges and devotions, and requires attendance at monthly meetings held before school (7:30-8:10 a.m.). The Student Council elections include the position of student body chaplain which must be either a junior or senior student. This individual helps coordinate and lead daily devotions and prayer over the intercom, and this individual works closely with our HS administration and the spiritual life

directors providing input for spiritual emphasis week and the weekly chapels.

### **Tri-M Music Honor Society**

*All Grades* *Daniel Wesley*  
[dwesley@lexingtonchristian.org](mailto:dwesley@lexingtonchristian.org)

Tri-M Music Honor Society is an organization for students who have already shown themselves to be academically capable and musically gifted. Through performance, community service, and leadership development, students use their God-given talents to improve their school, city, and world. Students must be enrolled in a music ensemble for two full years, maintain a 3.0 GPA in all classes, and be recommended for membership by a member of the Arts and Humanities faculty.