

**Academic  
Planning Guide  
2025-2026  
Liberty Christian School**



Updated 3/5/25

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# Introduction

## Academic Advising

As students progress through the middle and upper school programs, they will make important decisions. Students choose the rigor of their core courses, the electives and activities that enrich their academic and social lives, the degree plan to follow, and the tests to take for college entrance. Academic advisors are trained to help students set their academic and career goals, build their academic record, and navigate through the college process.

## Student Schedules

Students are required to submit individual course requests prior to each academic year. Students in grades 9-11 are required to have eight scheduled courses each semester. Students in 12th grade are required to have a minimum of six graded courses in their schedule each semester of the academic school year. Two of the six courses may be a pass/fail course. Academic advisors are available to help students review course offerings and make appropriate selections. Parents and students are encouraged to discuss scheduling options prior to submitting course requests and asked to carefully consider all course elections. Administration bases its decisions for teachers and number of classes offered from the initial course requests made in the spring of the previous school year. Liberty Christian School makes every effort possible to meet the scheduling requests of each student. Occasional administrative and staffing changes may result in the replacement of some course selections and a change in teacher assignment or class time. At the beginning of each semester, there is a two week schedule change request period. At the end of the schedule change request period students are required to stay in their course for the entire semester. Extenuating circumstances are reviewed by the Academic Committee.

## Advanced Placement

An **AP** course is a college-level course that follows the College Board Advanced Placement curriculum. The student's knowledge of the curriculum is assessed by the AP Exam administered in May. **Any student enrolled in an AP class is required to register for, pay for, and take the course's AP Exam.** Exam registration and fee payment will occur before November 1 for full year and first semester only courses, and before March 1 for second semester only courses. Details and a payment link will be emailed to students and parents prior to the appropriate registration deadline. Colleges and universities have the option of accepting AP results for college credit or placement in advanced standing.

Completion of AP courses with passing grades results in additional points for calculating GPA (refer to "GPA Calculation" on Page 7). If a student fails a semester, no additional points will be calculated into the GPA. Liberty recommends that parents and students refer to the document, "[AP Classes: To Take or Not to Take](#)" to determine if it's in the student's best interest to enroll in an AP course. If a student does not take the AP test, no additional points will be added into the GPA and the student's test omission will be noted on the transcript. For more detailed information on specific AP courses, visit the College Board website.

## Dual Credit

A **Dual Credit (DC)** course is one in which the student is enrolled at Liberty and concurrently enrolled with a Liberty approved college or university. Courses must be approved by the student's Academic Advisor. All online DC courses are **one semester** courses. Students will be required to meet college entrance requirements and remain in the course for the entire semester. In addition to earning .5 credit toward fulfilling Liberty graduation requirements, students will be eligible to earn college credit hours upon successful completion of course requirements, and payment of any outstanding college tuition and fees. Liberty Core DC courses will earn the same GPA weighting as an AP course (see GPA calculation on page 7). Credit transfer of DC courses is

at the discretion of the incoming college. Students should refer to the college's transfer credit requirements and consult with the college's academic advisor for transferability. See your Academic Advisor and the [Liberty and TCC Crosswalk](#) for more information.

Tarrant County College (TCC) offers a limited number of DC online courses to high school students during the summer. There is a limited number of course sections that fill up quickly. It is recommended that Liberty students take only one online dual credit course each summer term.

All students taking college-level courses must satisfy Texas Success Initiative (TSI) Assessment requirements, unless they qualify for a TSI exemption, exception or waiver. Students who have taken the SAT or ACT may have an exemption. Prior to enrolling in an online course, students are required to complete the Online Readiness Assessment.

Liberty partners with several local and national partners to offer Dual Credit courses. When applicable, classes that have large enough enrollment numbers are placed into a teacher's class at Liberty in addition to their assigned college instructor for the course. If a student takes a DC class that does not have enough students to make one section, that student will have a study hall scheduled to complete their coursework. If a class is offered from a secular university, the student must complete the Biblical Worldview Reflection Project by the end of the course. Upper school students can register for these courses and receive college credit upon successful completion. Grades will be included in a student's GPA if they are taking the college course as a core class for Liberty credit as well. If it is not a class in Liberty core curriculum, it will be counted as an elective course and not be included into GPA calculation but will show on a student's transcript.

**SEE SUGGESTIONS FOR THE IDEAL DC STUDENT [here](#)**

## Dual Enrollment

Similar to dual credit, by participating in a **Dual Enrollment (DE)** course, a student is working in college-level curriculum while in high school. However, dual enrollment means that there is a separate college course grade earned and a separate high school course grade earned. The University of Texas at Austin OnRamps courses are an example of this course type. Each dual enrollment course in the guide will have the corresponding High School credit equivalent. Students will register for dual enrollment courses with UT Austin at the beginning of the school year after selecting the dual enrollment course for Liberty Christian School.

In addition to earning .5 credit toward fulfilling Liberty graduation requirements, students will be eligible to earn college credit hours upon successful completion of course requirements, and payment of any outstanding college tuition and fees. Liberty Core DC courses will earn the same GPA weighting as an AP course (see GPA calculation on page 7). OnRamps full year courses will earn the same weighting as an AP course at the end of the school year only if the students elects to take the college credit. Credit transfer of DE and OnRamps courses is at the discretion of the incoming college. Students should refer to the college's transfer credit requirements and consult with the college's academic advisor for transferability.

## Honors

An **Honors** course is one in which the curriculum is enriched and accelerated. For the 100-point grading scale, 5 points are awarded for Honors courses and for the 4-point grading scale, .5 points are awarded each semester. If a student fails a semester, no additional points will be calculated into the GPA.

## Eligibility for 6th-12th Grades

The following criteria apply for admission to all Honors, AP, Dual Credit and Dual Enrollment courses:

- A minimum of 85 percent in an Honors course or 90 percent in a regular course is required and must have been maintained in the subject for the entire previous year. German Honors and Mandarin Honors must obtain a minimum overall average of 80 percent. Computer Science courses are exempt from prior grade requirements.
  - In addition to teacher recommendation, an Honors or AP student candidate in grades 6-10 must meet or exceed the required MAP score of 75 (in the respective subject area) to be considered for course placement. Students may request reconsideration of this course placement decision with the subject-specific teacher. The final decision for course placement is at the discretion of the school administration.
- For Honors, AP, Dual Credit and Dual Enrollment courses, the student must be committed to considerably more work per course per night than the standard homework requirement.
- Academic Advisors recommend that 6th–8th grade students enroll in **no more than two** Honors courses per year.
- Students must not have incurred excessive absences, tardy notices, or recurring zeroes in the most recent school year.
- **Students should obtain a minimum average of 75 percent at the end of the first semester to continue enrollment in an Honors or AP course. Placement of students who fall below a 75 will be reviewed by the Academic Committee at semester and may be subject to change.**
- Students must agree to remain in their scheduled Honors, AP, Dual Credit and Dual Enrollment courses **through the school year unless a placement change has been recommended by the Academic Committee.**

**Note:** Transfer students must receive approval from the Academic Committee to enroll in Honors and AP courses.

## Departmental Requirements

Some departments have additional qualification requirements for students enrolling in Honors and AP courses. Many Honors and AP students must complete summer reading assignments and/or projects prior to the beginning of school. Please refer to the “Resources” page of each school level under “Academics” on the Liberty website for more information or speak with your Academic Advisor.

## Summer School Information, Credit Recovery and Semester Averaging

Liberty Christian School offers the option of credit recovery during the summer for students. Liberty partners with Sevenstar Academy and Fusion Academy meeting Liberty’s college-preparatory graduation requirements. **Completion of coursework is required for students who have not earned a passing grade for any semester of a required Liberty course. Students must earn a semester grade of 70 percent or higher in the course to earn semester credit.**

Semester grades earned for Liberty credit recovery will appear on the student’s transcript and be included in the GPA calculation (GPA calculations take place at the end of each semester in January and in June). The grade for the first attempt of the course will remain on the Liberty transcript. The recovery course grade will not replace the failing grade on the transcript or in the GPA. Both grades will remain on the student’s transcript. Please visit the Academic Advising Office for more details about summer school options, and the associated fees. **Note:** Per the US Student/Parent handbook, students failing two or more classes will be placed on an Academic Contract for Success.

Semester Averaging is another option for credit recovery. Students have the option of averaging a failing Semester 1 grade with a passing Semester 2 grade. The average of both semesters must be a 70 to earn 1.0 credit for the course. Semester averaging does not work in the reverse (passing Sem 1 and failing Sem 2).

**Note:** Students who fail a Semester 1 course with a grade of 60 or below will not have the option to semester average.

**Note:** Seniors who fail a required course will receive their diplomas upon completion of the equivalent summer school course. Final transcripts will not be submitted to the incoming college until all credits for graduation are earned.

## Liberty Learning Center

The Liberty Learning Center serves students in grades 6-12 who have diagnosed learning differences. Classroom and Testing Accommodations are considered based on the recommendations included in the student's evaluation report.

The **Liberty Learning Center (LLC) Study Hall** is **highly recommended** for eligible students in **6th grade** and **optional** for 7th - 12th grade students. The LLC Study Hall does not earn a credit, but does provide support to students through one-on-one conferencing, weekly grade checks, and strategies to improve executive function skills to empower and equip students in their Liberty classes.

Another component of Liberty Learning Center Services is the alternate testing location, the **LLC Testing Center**. LLC eligible students in grades 6th -12th may choose to have testing accommodations in the LLC Testing Center.

There is an additional fee to be enrolled in Liberty Learning Center Services.

**Note:** When submitting your course request, select the LLC Study Hall to receive the above services.

# Grade Point Average (GPA) and Class Ranking

## GPA Calculation

The student's GPA is calculated on both 4-point and 100-point scales and includes the following required 9th–12th grade courses taken at Liberty Christian School: Bible; English; Social Studies; Science; Math (beginning with Algebra I taken in 7th or 8th grade); World Languages; the first semester of a Speech course; the first semester of a Career and Technology Education (CTE) course, and all Honors, AP courses, and Liberty core Dual Credit and Dual Enrollment courses. \*Beginning with the class of 2028, Speech and Career and Technology Education (CTE) courses will not be calculated into the student's GPA. On a student transcript, semester grades are unweighted, but the GPA is weighted as follows: For the 100-point grading scale, 5 points are awarded for Honors courses and 10 points for AP and Liberty core Dual Credit and Dual Enrollment courses; For the 4-point grading scale, .5 points are awarded for Honors courses and 1 point for AP or Liberty core Dual Credit and Dual Enrollment courses. Points will not be awarded for OnRamps courses if UT college transcript is not purchased. Weighted points are added to the GPA each semester. GPA is calculated at the end of every semester; approved summer courses will factor into Semester 1 calculation in January.

**Note:** Only grades earned or accepted by Liberty Christian School for eligible courses will be included in the GPA calculations and transcribed onto transcripts. Transfer grades or online classes (except for credit recovery and approved core classes) are not included in GPA or rank calculations. For students who transfer during the first semester of 9th grade, 8th grade high school courses are transcribed onto transcripts but are not included in GPA calculations.

All online courses must be approved through the Academic Advising department prior to enrollment. Courses taken without prior approval will not count towards Liberty graduation requirements.

### The 4.0 Grading Scale

Grade	Grade Scale
90-100	4
87-89	3.75
84-86	3.5
82-83	3.25
80-81	3
77-79	2.75
74-76	2.5
72-73	2.25
70-71	2
0-69	0

### Class Ranking Calculation

Liberty Christian School is a non-ranking school. However, Liberty ranks the top 10 percent of full-time, in-person students for the purpose of automatic admissions to Texas public colleges and universities. Class rank is calculated using the 100-point weighted GPA. Class rank is calculated at the end of every semester, starting with the spring semester of 10th grade. Approved summer courses will factor into Semester one GPA calculation in January. The top ten percent rank will be noted on transcripts in August of the senior year.

**Note:** Transfer students will be eligible for ranking after four consecutive semesters at Liberty Christian School.



## Graduation Requirements

The chart below provides the number of credits needed for each subject area depending on the type of diploma a student plans to pursue.

All online courses must be approved through the Academic Advising department prior to enrollment. Courses taken without prior approval will not count towards Liberty graduation requirements.

Subject Area	College Prep (27.5 Credits) <i>See Page 7</i>	*College Prep with Honors (28.5 Credits) <i>See Page 7</i>
English	4	4
Mathematics	4	4
Social Studies	4	4
Science	4	4
Bible	4	4
World Languages	2	3
Physical Education	1	1
Electives	2	2
Career and Technology (CTE)	.5	.5
Speech	.5	.5
Fine Arts	1	1
*Equipping Leaders for Success	.5	.5
Week Without Walls	.25 each year	.25 each year
12 semesters in Honors/AP/DC/DE courses	N/A	Yes

**English:** English I, English II, English III and English IV or Dual Credit equivalent.

**Social Studies:** World Geography, World History, United States History, United States Government and Economics.

**Mathematics:** Algebra I, Algebra II, and Geometry must be completed for graduation requirements. Students must be continuously enrolled in a different and progressive math class every year in grades 9–12 to meet Liberty’s graduation requirements.

**Science:** Science credits must include Biology, Chemistry, and Physics. The fourth science option may be chosen from the science courses offered..

**Bible:** Grades 9-12 have specific year-long Bible classes they must take and pass for credit. New students will be placed in Biblical Foundations.

**World Languages:** World Language requirements must be met with credits from the same language in grades 8–12. Students must have 2-3 continuous years of the same world language.

**Physical Education:** Physical Education requirements may be met through Athletics, Cheer, Dance Team, Band or Encore.

**Electives:** After the required course credits are satisfied, a student may choose from other subject areas to satisfy elective credit (s). Refer to the following pages to find the courses that may be used for elective credit: Bible, Career and Technology Education, Fine Arts, and World Languages. Electives can include one credit of Athletics.

**Career and Technology Education (CTE):** Beginning with the class of 2024, the CTE credit requirement is met through a course offering in the CTE Department. See the CTE section for course offerings. Beginning with the 2022-2023 school year the technology requirement can also be met through the Yearbook course and beginning with the 2025-2026 the technology requirement can also be met through the Technical Theatre Production course.

**\*Equipping Leaders for Success:** Graduation requirement beginning with the class of 2028.

**Speech:** Credit is met through the current Speech course or Broadcast Journalism, Dual Credit Public Speaking, Encore Production, Sports Broadcasting or Worship Culture.

**Honors/AP/Dual Credit/Dual Enrollment Courses:** Starting in 2023-24, to graduate College Prep with Honors, students must pass any combination of 12 semesters in Honors, AP, or approved Liberty core Dual Credit and Dual Enrollment courses. Reference the [Liberty and TCC Crosswalk](#) for qualifying Dual Credit courses.

### Recommended Course Sequencing

Bible				
4 Credits Required	9th	10th	11th	12th
	The Narrative of the Bible	How to Study God's Word	Understanding the Times and Culture	Apologetics and Christian Living
or Biblical Foundations (new LCS students)		or Biblical Foundations (new LCS students)	or Biblical Foundations (new LCS students)	

English				
4 Credits Required	9th	10th	11th	12th
	English I	English II	English III	English IV
	or English I Honors	or English II Honors	or AP English Language and Composition	or English IV: Sports Literature
			or Dual Credit Composition I (0.5) and Composition II (0.5)	or AP English Literature and Composition
			or Dual Credit Composition I (0.5) and Composition II (0.5)	

Math				
4 Credits Required (Must include on-level or higher level Algebra I, Geometry, Algebra II plus an additional math class each school year)	9th	10th	11th	12th
	Algebra I	Geometry	Algebra II	or Precalculus
			or Algebra II Honors	or AP Precalculus
			or Precalculus	or Calculus
	or Geometry	or Geometry Honors	or AP Precalculus	or AP Calculus AB
			or OnRamps College Algebra	or AP Calculus BC
		or Algebra II	or OnRamps College Algebra	or OnRamps Statistics
	or Geometry Honors	or Algebra II Honors	or Intermediate Algebra	or Intermediate Algebra
			or Dual Credit College Algebra (0.5) and Precalculus (0.5)	or Dual Credit College Algebra (0.5) and Precalculus (0.5)
			or Additional Dual Credit Math	

Science				
4 Credits Required (Must include on-level or higher level Biology, Chemistry, and Physics)	9th	10th	11th	12th
	Biology	Chemistry	Physics	Physics
			or OnRamps Physics	or OnRamps Physics
			or AP Physics I	or AP Physics I
			or Forensic Science	or AP Physics C: Electricity and Magnetism
			or Earth and Space Science	or AP Physics C: Mechanics
			or Engineering Essentials	or Forensic Science
	or Biology Honors	or Chemistry Honors	or Anatomy and Physiology	or Earth and Space Science
			or AP Biology	or Engineering Essentials
			or AP Chemistry	or Anatomy and Physiology
or AP Environmental Science			or AP Biology	
		or Dual Credit Science	or AP Chemistry	
			or AP Environmental Science	
			or Dual Credit Science	

  

Social Studies				
4 Credits Required	9th	10th	11th	12th
	World Geography	World History	United States History	US Government (0.5) and Personal Finance Literacy and Economics (0.5)
			or AP United States History	or AP US Government and Politics (0.5) and AP Macroeconomics (0.5)
	or AP Human Geography	or AP World History		or OnRamps Civics (0.5) and OnRamps Economics (0.5)
or Dual Credit United States History			or Dual Credit Government (0.5) and Economics (0.5)	

### Early Graduation Requirements

Liberty Christian School supports early graduation as a means to earn a high school diploma specifically for student-athletes who will begin college in the spring of his/her senior year of high school. The College Recruiting Coordinator, Liberty Christian School Athletic Director, US Principal, and Director of Academic Advising shall approve such requests if the student has met the following criteria:

Basic guidelines for selection include:

- GPA 3.0 or higher
- Meet the graduation course requirements effective for their graduating class
- It is recommended that students initiate this option in his/her 10th-grade year and no later than December of his/her junior year
- Any outside courses must be approved by Liberty and be NCAA-compliant
- Contract signed by parents, Principal, Athletic Director, Academic Director

The process starts with the student’s academic advisor to receive a complete list of guidelines and agreements. When approved, the early graduation contract is created and signed by the student, parents, and Liberty staff. Parents/guardians are responsible for the entire year of tuition for the student’s senior year. Financial commitments are paid by December 1st of the graduating year. Transcripts will be sent once the student is cleared from the Liberty Business Office and any property of Liberty is returned.

## Credits Awarded By Course

CTE (0.5 required)	
Advanced Broadcast Journalism and Reporting	1
Business/Entrepreneurship	0.5
OnRamps DE Computer Science	1
Creative Media	0.5
Gameday and Event Operations	0.5
Intro to Broadcast Journalism	1
Sports Broadcasting	1
Technical Theatre Production	1
Unmanned Flight/Commercial Drone Cert.	1
Wired	0.5
Yearbook	1

  

SPEECH (0.5 required)	
Dual Credit Public Speaking	0.5
Encore Production	1
Advanced Broadcast Journalism and Reporting	1
Intro to Broadcast Journalism	1
Speech	0.5
Sports Broadcasting	1
Worship Culture	1

  

ELECTIVE ONLY	
AP European History	1
Dual Credit General Psychology	0.5
Great Works and Creative Writing	0.5
Introduction to Christian Ethics	0.5
Introduction to Logic	0.5
Equipping Leaders for Success	0.5
Nutrition and Wellness	0.5
Student Internships	0.5
Sports Psychology	0.5
The Supernatural Context of the Bible	0.5
Vietnam War	0.5
World War II	0.5

  

FINE ARTS (1 required)	
AP Studio Art 2D Design	1
AP Studio Art 3D Design	1
AP Studio Art Drawing	1
Art I	1
Art Photography	1
Band	1
Chorale	1
Dance Team	1
Drawing and Painting I	1
Drawing and Painting II/III/IV	1
Encore Production	1
Graphic Design/Digital Art	1
Intro to Worship Culture	1
Portfolio Art I	1
Sculpture and Ceramics I	1
Sculpture and Ceramics II/III/IV	1
Technical Theatre Production	1
Worship Culture	1
Yearbook	1

  

PE (1 required)	
Athletics	1
Band	1
Cheerleading	1
Dance Team	1
Encore Production	1

## College Planning

This section provides basic, general guidelines for students planning to attend a post-secondary institution.

**Note:** Each college and university has very specific requirements for admission. Students should check with their College Admissions Representative, college catalog, or the institution’s admissions office for specific admissions requirements and recommendations. Academic Advisors are available to empower students to develop relationships with colleges and universities they are interested in applying to.

### Degree Plans

#### College Preparatory Degree Plan

The College Prep Degree Plan accommodates students who desire to complete coursework that will facilitate entrance into a four-year college or university.

**Note:** Algebra I, Geometry, and Algebra II are required. Biology, Chemistry, and Physics are required. For a complete list of requirements, please refer to the chart on Page 9.

#### College Preparatory with Honors Degree Plan

The College Preparatory with Honors Degree Plan accommodates students demonstrating levels of aptitude and performance equivalent to college-level work and who are applying to highly selective colleges and universities. Starting in 2023-24, to graduate College Prep with Honors, students must pass a combination of

12 semesters in Honors, AP, or approved Dual Credit and Dual Enrollment courses for upper school credit in 8-12 grade. The 12 semesters must include a minimum of 4 semesters of college-level work completed in AP or approved Dual Credit and Dual Enrollment courses. Reference the Liberty Crosswalk for qualifying Dual Credit courses. Also, **three** World Language credits from the **same language** are required.

**Note:** Algebra I, Geometry, and Algebra II must be completed to meet three of the four math requirements. Biology, Chemistry, and Physics must be completed to meet three of the four science requirements. For a complete list of requirements, please refer to the chart on Page 9.

A student must not have failed more than a total of two semesters in courses counting toward graduation requirements to qualify for a College Prep with Honors diploma.

## **Sending Transcripts to Post-Secondary Institutions**

Students submitting an official transcript to a college or university and the NCAA, should request it from the Academic Advising Office through the student's Scoir account. Scholarship transcript requests should be sent to the Registrar [Scholarship Transcript Requests](#).

Every effort is made to complete requests as quickly as possible. However, please allow up to one week for processing requests. Liberty submits transcripts electronically when applicable. Otherwise, a paper transcript is sent through the U.S. Postal Service.

Additionally, **transcripts submitted by Liberty Christian School do not include PSAT, SAT, or ACT scores. Colleges must receive test scores directly from the testing institution. Students must contact College Board (SAT) and/or ACT to request submission of their scores to specific colleges.**

**Note:** For more information about sending test scores, visit <https://www.collegeboard.org/> and [www.actstudent.org](http://www.actstudent.org).

# Upper School Course Catalog

## Course Descriptions for Grades 9-12

### **New and Updated Upper School Offerings**

The following courses have been added and updated to the Upper School Catalog for 2025-2026:



Creative Media - See Page 21



Dual Credit General Psychology (TCC PSYC 2301) - See Page 26



Earth and Space Science - See Page 48



Equipping Leaders for Success - See Page 23



OnRamps DE Computer Science - See Page 21



OnRamps DE United States Government - See Page 53



OnRamps DE Economics - See Page 53



Personal Financial Literacy with Economics - See Page 54



Sports Broadcasting - See Page 24



Apologetics and Christian Living - See Page 17

## **Bible**

God is Truth. The Bible is God's revelation of Himself and His plan for redemption. The Liberty Christian Bible Program exists to invite students into a personal, saving relationship with Jesus Christ through active and reflective engagement with God's Word. As disciple-makers, we aim to train and equip students to know God, be known by God, make God known, and formulate a biblical worldview that engages life and culture through representing Jesus Christ.

### **The Narrative of the Bible**

*Prerequisite: None*

*Grade: 9 (required)*

*Length: Two semesters*

*Credit: 1*

The freshman Bible course introduces the text of the Old and New Testaments with emphasis on exploring the genres, major historical periods, and theological themes to recognize the metanarrative that arises from it all. Students will discover that the Old Testament events are not random stories, but a sequential narrative of how God has worked out His plan of salvation, leading to the promised Messiah, Jesus Christ. The course culminates in the person and life of Jesus revealed in the New Testament Gospels, and the practical application of His teachings. This course is designed to help students develop analytical skills and to gain a deeper understanding of the Bible's original context to equip and empower students to read the Bible on their own.

### **How to Study God's Word**

*Prerequisite: None*

*Grade: 10 (required)*

*Length: Two semesters*

*Credit: 1*

The sophomore Bible course invites students to encounter a living faith as they learn how to read, interpret, and apply the Bible for themselves while exploring the steps of Paul on his missionary journeys. Students will grow in their understanding of the Gospel, the establishment of the Church, and what it means to be a disciple of Jesus Christ. This class will equip students to read and understand God's Word. Students will take a journey through the New Testament Epistles as they apply sound interpretation principles. Additionally, they will explore the basic theological tenets and disciplines of the Christian faith as they are invited into a relationship with Jesus Christ, with the power of God's Spirit to transform their lives from the inside out.



## Understanding the Times and Culture

*Prerequisite: None*

*Grade: 11 (required)*

*Length: Two semesters*

*Credit: 1*

In the junior Bible course, students build confidence in the breadth and depth of biblical truth as they compare competing worldviews impacting our culture today. Students learn to apply the principles of logic and biblical wisdom to distinguish truth from falsehood. Major worldviews, from cultural Christianity to secularism, are challenged intellectually to cast off myths and establish biblical truth. Guided discussions about significant real-world topics and issues take place for the benefit of student understanding and to assist parents in insulating but not isolating students from the world.

## Biblical Foundations

*Prerequisite: None*

*Grade: 10-12 Required for new LCS students*

*Length: Two semesters*

*Credit: 1*

Biblical Foundations serves as an introductory exploration of the major redemptive themes embedded in the biblical narrative. The course delves into the foundational acts of God's redemptive plan, emphasizing the pivotal moments in creation, the fall, and the unfolding story of redemption through six key acts of God's redemptive history for mankind.



## Apologetics and Christian Living

*Prerequisite: None*

*Grade: 12 (required)*

*Length: Two semesters*

*Credit: 1*

This course equips students to defend and live out the Christian faith with confidence as they prepare for life beyond Liberty Christian School. Students will spend a semester engaged in apologetics (defending the faith) before shifting to a semester of discipleship (living out the faith). Students will learn classic arguments for the existence of God and the truth of His Word as well as moral decision-making, spiritual disciplines, and how to be in the world but not of the world. Students are invited to a deeper relationship with God and His Word with the idea that loving God with our hearts, souls, strength, and minds will increase the effectiveness of our Christian witness.

## **Bible Electives**

Students may choose between the following courses to fulfill the student's Elective credit requirements. Students in Grades 9-12 may choose to take one of the following courses, in addition to their required Bible course for elective credit.

### **Introduction to Christian Ethics**

*Prerequisite: None*

*Grade: 11-12*

*Length: One semester*

*Credit: .5 (Elective credit)*

This elective course examines the philosophy and practical application of biblical ethics - encouraging students to consider a variety of classic and current ethical issues and apply relevant biblical and theological concepts to them. After establishing a firm foundation for biblical ethical thinking and decision-making, students will analyze relevant moral issues related to business, law, medicine and more. The course will include guest speakers with real-world experience in these ethical issues, within their respective areas of expertise.

### **Introduction to Logic**

*Prerequisite: None*

*Grade: 11-12*

*Length: One semester*

*Credit: .5 (Elective credit)*

This course introduces students to the principles of formal logic. The curriculum emphasizes critical thinking skills while integrating a biblical worldview. Through the study of logical fallacies, argumentation, and deductive reasoning, students will develop the ability to analyze and construct sound arguments, grounded in biblical principles. Students will not only develop a foundation in logical reasoning; they will consider how logic informs well-reasoned arguments for the Christian faith.

### **The Supernatural Context of the Bible**

*Prerequisite: None*

*Grade: 11-12*

*Length: One semester*

*Credit: .5 (Elective credit)*

This course will use the historical context of spiritual beings in the Bible to help students understand the biblical narrative and doctrines of Scripture within the proper context. Students will receive a fascinating introductory foundation into the Bible's behind-the-scenes world that will help expand their view of what the original authors of the Bible were thinking when they were writing Scripture. Through this course, students will be equipped with tools that can help them engage their faith in a more historically informed manner.

### **Additional Bible Dual Credit Elective Options**

All online Dual Credit courses are one semester courses. In addition to earning .5 credit toward fulfilling Liberty graduation elective requirements, students will be eligible to earn college credit hours upon completion of enrollment at the applicable college or university, successful completion of course requirements, and payment of college tuition and fees.

See your Academic Advisor for more information.

## **Career and Technology Education (CTE)**

Career and Technology Education (CTE) empowers students to manage the challenges of living and working in a diverse, global society. CTE courses are designed to provide students with the opportunity to use their unique God-given talents, make informed occupational choices, determine educational needs and options, develop employability traits, and acquire marketable skills. Every CTE student is given the opportunity to serve others, gain experience and confidence, and bring glory to our Lord and Savior.

### **Advanced Broadcast Journalism and Reporting**

*Prerequisite: Intro to Broadcast Journalism (MS or US)*

*Grades: 10–12*

*Length: Two semesters*

*Credit: 1 (CTE or Speech credit) Students must remain in the class the entire year to receive credit*

This is an advanced course in journalistic reporting and writing devoted to creating in-depth articles and news stories in a professional manner. Emphasis will be on gathering content for the news through research, interviews and covering events. The course provides groundwork in storytelling techniques, writing, editing, and publishing across multiple platforms. Students will work together to produce a bi-weekly broadcast of Warrior Nation News to be shown on our digital platforms for communication to the Liberty community. Students will have the opportunity to gain knowledge through exposure to current professionals in this field in order to gain experience to prepare them for television news at the next level - whether that be internship, college, or career.

### **Business/Entrepreneurship**

*Prerequisite: None*

*Grades: 9–12*

*Length: One semester*

*Credit: .5 (CTE credit)*

Students will learn the principles necessary to begin and operate a business. The primary focus of the course is to help students understand the process of analyzing a business opportunity, preparing a business plan, determining feasibility of an idea using research, and developing a plan to organize and promote the business and its products and services.



## **Creative Media**

*Prerequisite: None*

*Grades: 9–12*

*Length: One semester*

*Credit: 1 (CTE credit)*

This course gives students the opportunity to be involved in social media content creation. Students will gain experience in how to develop and produce engaging content specifically designed for social media platforms. Students will gain knowledge in audience demographics, crafting effective visuals, choosing engaging audio and utilizing the unique features of the different platforms. Students will get hands-on experience with professional photography and video cameras and be introduced to video editing applications to assist them in creating social media campaigns for different areas around campus.



## **OnRamps DE Computer Science**

*Prerequisite: Algebra 1*

*Grades: 10–12*

*Length: Two semesters*

*Credit: 1 high school CTE credit, possible 3 hours college credit*

*Course Code: CS 302*

Using a project-based framework, students explore their creative side and apply computational thinking and problem-solving skills that go beyond the classroom in preparation for the workplace demands of the future. Each unit encourages students to bring their own perspectives as they research, analyze, and build alongside their teacher. Students develop new competencies that challenge assumptions and misconceptions of computer science and what it means to be a computer scientist. They are introduced to 2-D and 3-D modeling, animation, video manipulation, the basic concepts of cybersecurity and artificial intelligence, programming in a visual environment and coding in JavaScript, and more. Students collaborate on high-quality curriculum designed by the University of Texas at Austin faculty and, ultimately, leave the course with a tangible product that demonstrates mastery and relevancy across many industries. See page 5 for more information about OnRamps.

## **Gameday and Event Operations**

*Prerequisite: None*

*Grades: 9-12*

*Length: One semester*

*Credit: .5 (CTE credit)*

Have you ever wanted to be a part of creating and shaping the atmosphere at large events? This one semester course gives students the opportunity to enhance the fan experience on big game days, live events, and other large gatherings at Liberty by creating unique looks for venues, running music, images, and video board operation. Students will learn the necessary skills to create and enhance events for coaches, players and fans as they gain experience in game day and event timelines working behind the scenes of major events and learning what it takes to put on and manage large scale events. Students taking this class will be required to help manage the fan experience at two events as part of their grade.

## **Intro to Broadcast Journalism**

*Prerequisite: None*

*Grades: 9-12*

*Length: Two semesters*

*Credit: 1 (CTE or Speech credit) Students must remain in the class the entire year to receive credit*

This course is designed for the study and practice of the basic elements of broadcast journalism. The course will emphasize news gathering, writing, interviewing skills, video recording, and the study of mass media. Students will learn the basic elements of news value and vocabulary specific to broadcast writing. They will also identify various news sources and use interview skills to create stories using a video camera. This course also explores the world of digital video and television production at an entry level. Students learn on professional equipment in a modern digital TV studio. Students work in collaborative teams to produce projects using cameras, while learning the basics of studio and field production, lighting and sound. This entry-level course assumes no previous film or broadcast experience or training. The emphasis is visual storytelling through current technology.



## **Equipping Leaders for Success**

*Prerequisite: None*

*Grades: 9–12, Graduation requirement starting with the class of 2028*

*Length: One semester*

*Credit: .5 (Elective credit)*

This course is designed to prepare students for the next stage of life—whether transitioning into college or a career, stepping into adulthood, or seeking to grow in wisdom and practical knowledge. Rooted in biblical principles, this course provides a strong foundation in essential life skills such as time management, Christ-centered relationships and communication, financial stewardship, problem-solving, and emotional resilience. Through hands-on activities, group discussions, and real-life applications, students will explore topics like budgeting, goal setting, conflict resolution, career development, college success strategies, spiritual gifts, and self-care, all through the lens of Scripture. Emphasizing servant leadership and God-honoring decision-making, this course equips students with the confidence and discernment to navigate life’s challenges with integrity and faith. By the end of the course, students will have a practical toolkit of biblically grounded skills, empowering them to glorify God in their personal and professional lives.

## **Nutrition and Wellness**

*Prerequisite: None*

*Grades: 9–12*

*Length: One semester*

*Credit: .5 (Elective credit)*

Nutrition and Wellness is designed to equip students with detailed and practical information on how to be excellent stewards of their body. The course will approach the subjects of nutrition, fitness, mental health, and wellness both through a scientific and practical approach. Reproductive subject matter is not included in the curriculum.

## **Speech**

*Prerequisite: None*

*Grades: 9–12*

*Length: One semester*

*Credit: .5 (Speech credit)*

Speech, like any other skill, improves with preparation and practice. This class helps develop students’ speaking skills in a variety of forums. These forums include interpersonal and group communication, persuasive speaking, informative speaking, and extemporaneous speaking.



## **Sports Broadcasting**

*Prerequisite: Intro to Broadcast Journalism (MS or US)*

*Grades: 10–12*

*Length: Two semesters*

*Credit: 1 (CTE or Speech credit) Students must remain in the class the entire year to receive credit*

This is an advanced course in journalistic reporting and writing devoted to creating in-depth articles and news stories in a professional manner. Emphasis will be on gathering content for the news through research, interviews and covering events. The course provides groundwork in storytelling techniques, writing, editing, and publishing across multiple platforms. Students will work together to produce a bi-weekly broadcast of Warrior Nation News to be shown on our digital platforms for communication to the Liberty community. Students will have the opportunity to gain knowledge through exposure to current professionals in this field in order to gain experience to prepare them for television news at the next level - whether that be internship, college, or career.

## **Sports Psychology**

*Prerequisite: None*

*Grades: 9–12*

*Length: One semester*

*Credit: .5 (Elective credit)*

The Sports Psychology course provides students with a comprehensive understanding of the psychological factors influencing sports performance and personal growth. The course covers goal setting, emotional management, visualization, and team dynamics, to equip students with practical mental skills. The material is taught through lectures, discussion, and applied strategy. Students will learn to enhance their confidence, resilience, and overall well-being. The course cultivates a deeper appreciation of the psychological aspect of sports, equipping students to excel on and off the field. This course is open to high school students who desire to explore the psychological aspect of sports and personal development.

## **Student Internships**

*Prerequisite: None*

*Grades: 11–12*

*Length: One semester*

*Credit: .5 (Elective credit)*

Internships are a great way to help students gain real-world experience and give them the knowledge needed to decide the college and major that best suits them. Liberty Christian offers student internships in many fields of interest. Students will meet with Jamie Michalek and Toni King to discuss the possibility of an off-campus internship or an internal Liberty internship, such as athletics, broadcast journalism, events planning, fine arts, marketing, communications, medical, science lab, and Warrior Vision.



Top 3 reasons to experience an internship:

- 1) Gain insight and connection into your future goals in college
- 2) Helps to show work ethic, maturity, and responsibility
- 3) NO COST – Students bring an open mind, willingness to learn, and God-given gifts and talents

Students who select this option will meet with the Internship Coordinators to gain an understanding of options and program requirements.

## **Unmanned Flight/Commercial Drone Certification**

*Prerequisite: None*

*Grades: 11–12*

*Length: Two semesters*

*Credit: 1 (CTE credit)*

This course uses the Unmanned Safety Institute curriculum to provide drone training for high school students in order to prepare them to take the FAA Part 107 Aeronautical Knowledge Test. After passing this test, students will be commercially certified to fly drones. Our goal is that students have employable skills and talents to offer businesses and industry above and beyond their peers.

## **Wired**

*Prerequisite: None*

*Grades: 9–12*

*Length: One semester*

*Credit: .5 (CTE credit)*

This course is essential for everyone living in the “wired generation.” This course will take an in-depth look at the Internet, including security and privacy, data that drives our modern world and the underlying structure which impacts our lives. Students will explore practical applications including using social media effectively, creating compelling content, and researching source materials using modern tools for Kingdom purposes.



### **Dual Credit General Psychology (TCC PSYC 2301)**

*Prerequisite: TSI Met in Reading and Writing*

*Grades: 10–12*

*Length: One semester, limited class size, prioritized by graduation year*

*Credit: .5 high school (Elective credit), 3 hours college credit*

This course is a survey of the major psychological topics, theories, and approaches to the scientific study of behavior and mental processes. Through this exploration, we will examine how psychological principles align with biblical truths, recognizing the complexity and purpose of human behavior as part of God's divine design. This course seeks to integrate faith and learning, fostering a deeper understanding of psychology through the lens of God's Word.

### **Dual Credit Public Speaking (TCC SPCH 1315)**

*Prerequisite: meet TSAI college-readiness standard scores (see your Academic Advisor for details)*

*Grades: 9–12*

*Length: One semester, limited class size, prioritized by graduation year*

*Credit: .5 high school (Speech credit), 3 hours college credit*

This course is an application of communication theory and practice to the public speaking context, with emphasis on audience analysis, speaker delivery, ethics of communication, cultural diversity, and speech organizational techniques to develop students' speaking abilities, as well as ability to effectively evaluate oral presentations.

### **Additional CTE Dual Credit Options**

All Dual Credit courses are one semester courses. In addition to earning .5 credit toward fulfilling Liberty graduation requirements, students will be eligible to earn college credit hours upon completion of enrollment at the applicable college or university, successful completion of course requirements, and payment of college tuition and fees.

See your Academic Advisor and the [Liberty and TCC Crosswalk](#) for more information.

## English

The English Department utilizes a Christian-based curriculum to instill in students a love and appreciation for quality literature, while increasing their love for and knowledge of the Lord. Various aspects of literature, including solid grammatical instruction and an emphasis on vocabulary, all unite to form the components of this discipline. The program promotes effective and creative communication, while developing critical and abstract thinking skills. Students examine the values and beliefs in literature that provide opportunities to analyze and evaluate moral ethics, incorporating godly principles as lofty goals to embrace in life. The primary goal of the English Department is to equip students with sophisticated language skills, enabling them to be successful on any university campus and be effective, confident, and well-read Christian citizens.

### English I

*Prerequisite: English 8*

*Grade: 9*

*Length: Two semesters*

*Credit: 1*

This course teaches the fundamentals of literature and language skills through reading, writing, and oral communication. There is a strong emphasis on reading comprehension, including exercises with short stories, plays, and novels. Vocabulary and grammar units are utilized to improve writing in areas of structure and content, as well as numerous essays to develop writing techniques. One research paper in the APA format is required for this class. The novel for summer reading is also a vital part of the course.

### English I Honors

*Prerequisite: English 8, Grade Requirement, Teacher Recommendation and MAP Score*

*Grade: 9*

*Length: Two semesters*

*Credit: 1*

This accelerated course teaches the fundamentals of English I and increases the ability to independently express ideas through writing and oral discussion. Students demonstrate reading comprehension via novels, plays, and short stories. Students improve writing skills through paragraph development and grammar exercises. One research paper using the APA format and other types of essays are incorporated into the writing activities. One novel for summer reading is a vital part of the course. See page 6 for more information about Honors/AP requirements.

## English II

*Prerequisite: English I*

*Grade: 10*

*Length: Two semesters*

*Credit: 1*

This survey course of world literature incorporates the classic writings of the Greek and Roman period and extends into the Modern era. In addition to analyzing literature, the course also covers vocabulary and various aspects of grammar. Two research papers are required in the Chicago and APA formats for this class. To achieve optimal success, students are expected to read daily. These reading assignments may be novels, short stories, plays, poetry, or author biographies. Summer reading is also an essential component of the course.

## English II Honors

*Prerequisite: English I, Grade Requirement, Teacher Recommendation and MAP Score*

*Grade: 10*

*Length: Two semesters*

*Credit: 1*

This course focuses on an accelerated survey of world literature with a major emphasis on reading and writing skills and increased vocabulary. Various novels are studied in addition to plays by famous playwrights such as Sophocles and Shakespeare. Grammatical skills and proficient writing techniques are also incorporated along with research papers utilizing the Chicago and APA formats. To achieve optimal success, students are expected to read daily. These reading assignments may be novels, short stories, plays, poetry, or author biographies. One novel for summer reading is a vital part of the course. See page 6 for more information about Honors/AP requirements.

## English III

*Prerequisite: English II*

*Grade: 11*

*Length: Two semesters*

*Credit: 1*

This course focuses on representative authors of American literature from the early 1600s to the present. These works reflect the growth and changes that occurred during this time period and provide a sense of the cultural and historical differences present in American literature. The course reinforces grammar, spelling, and vocabulary skills. The course also focuses on composition in a variety of forums including, but not limited to, poetry, essays, oral presentations, and research papers in the MLA and APA formats. Summer reading is a vital part of the course.

## **AP English Language and Composition**

*Prerequisite: English II, Grade Requirement, Teacher Recommendation and MAP Score*

*Grade: 11*

*Length: Two semesters*

*Credit: 1 (optional Dual Credit available through CCU; see your Advisor for details )*

This college-level course is designed to enable students to develop skills in language and composition equivalent to the freshman-level class in most universities. The course prepares students to successfully master the AP Exam in English Language and Composition and to enter upper-level college courses with a firm foundation in all aspects of language and mechanics. The class centers on American literature, fiction and nonfiction, and how the works relate to the author's time period as well as present day. The course also focuses on composition in a variety of forums including, but not limited to, poetry, essays, oral presentations, and research papers in the MLA and APA formats. To achieve optimal success, students are expected to read daily. These reading assignments may be novels, short stories, plays, poetry, or author biographies. Summer reading novels are an important part of the course as well. Students taking this course are required to take the AP English Language and Composition Exam in May. See page 6 for more information about Honors and AP requirements, as well as registration and payment.

## **English IV**

*Prerequisite: English III*

*Grade: 12*

*Length: Two semesters*

*Credit: 1 (optional Dual Credit available through CCU; see your Advisor for details )*

British literature is the curriculum foundation of this senior-level course. Sophisticated and effective writing techniques are emphasized throughout this year-long class, and the two major writing formats of Chicago and MLA are utilized. Increasing the students' vocabulary contributes to the focus of the curriculum. Critical reading skills are a major focus in this class including novels, plays, short stories, and poetry that are read and analyzed throughout the year; therefore, students are expected to read the assigned materials daily. The course is designed to equip students with the skills necessary to be successful at the collegiate level of education, while drawing students closer to the Lord with a Christ-centered emphasis. Summer reading is an essential component, helping students prepare for the self-discipline needed to excel at the collegiate level.

## English IV Sports Literature

*Prerequisite: English III*

*Grade: 12*

*Length: Two semesters*

*Credit: 1*

One of the goals of Sports Literature and Composition is to build upon the skills introduced and developed in English I, English II, and English III. This course examines the connection between sports and society from several perspectives through interaction with literature presented by authors from various genres. This course will prepare students for the challenging reading and writing they will encounter in college and beyond. Critical reading skills are a major focus in this class including novels, articles, and poems that are read and analyzed throughout the year; therefore, students are expected to read the assigned materials daily. The two major writing formats of Chicago and MLA are utilized. Increasing the student's vocabulary contributes to the focus of the curriculum. The course is designed to equip students with the skills necessary to be successful at the collegiate level of education, while drawing students closer to the Lord with a Christ-centered emphasis. Summer reading is an essential component, helping students prepare for the self-discipline needed to excel at the collegiate level. The primary objective of the course is to develop a greater sensitivity to the world of sports and understand the relationship of sports and society.

## AP English Literature and Composition

*Prerequisite: English III, Grade Requirement, Teacher Recommendation*

*Grade: 12*

*Length: Two semesters*

*Credit: 1 (optional Dual Credit available through CCU; see your Advisor for details)*

This college-level course is designed to develop skills in literature and composition beyond those customarily acquired in a senior-level class. The course prepares students to successfully master the English Literature and Composition AP Exam and to enter upper-level college courses with a firm foundation in all aspects of language and mechanics. The class focuses on British literature, with an emphasis on advanced, mechanically sound writing techniques and sophisticated critical thinking and analytical skills. In this class, critical reading skills are a major focus through novels, plays, short stories, and poetry, which are read and analyzed throughout the year; therefore, students are expected to read the assigned materials daily. The first semester involves an emphasis on expository and argumentative writing, while the second semester focuses on a variety of literature including prose and poetry. Summer reading is an essential component of the course. Students taking this course are required to take the AP English Literature and Composition Exam in May. See page 6 for more information about Honors and AP requirements, as well as registration and payment.

## Great Works and Creative Writing

*Prerequisite: None*

*Grade: 9–12*

*Length: One semester*

*Credit: 0.5 (Elective credit)*

In this course, students will read works by great authors to discover the beauty found in the writings of established authors as well as from creative modern writers. The goal is that inspiring works will spark original student writings. The course will progress from quick writing sketches to an original short story.

## Dual Credit Composition I (TCC ENGL 1301)

*Prerequisite: English II, meet TSI college-readiness standard for Reading and Writing (see your Academic Advisor for TSI exemptions)*

*Grade: 11–12*

*Length: Fall semester only*

*Credit: .5 high school, 3 hours college credit*

This course is an intensive study of and practice in writing processes, from invention and researching to drafting, revising, and editing, both individually and collaboratively. Emphasis is on effective rhetorical choices, including audience, purpose, arrangement, and style. Focus is on writing the academic essay as a vehicle for learning, communicating, and critical analysis.

## Dual Credit Composition II (TCC ENGL 1302)

*Prerequisite: English II, meet TSI college-readiness standard for Reading and Writing (see your Academic Advisor for TSI exemptions)*

*Grade: 11–12*

*Length: Spring semester only*

*Credit: .5 high school, 3 hours college credit*

This course is an intensive study of and practice in the strategies and techniques for developing research-based expository and persuasive texts. Emphasis on effective and ethical rhetorical inquiry, including primary and secondary research methods; critical reading of verbal, visual, and multimedia texts; systematic evaluation, synthesis, and documentation of information sources; and critical thinking about evidence and conclusions.

## Additional English Dual Credit Options

All online Dual Credit courses are one semester courses. In addition to earning .5 credit toward fulfilling Liberty graduation requirements, students will be eligible to earn college credit hours upon completion of enrollment at the applicable college or university, successful completion of course requirements, and payment of college tuition and fees.

See your Academic Advisor and the [Liberty and TCC Crosswalk](#) for more information.

## **Fine Arts**

The goal of the Fine Arts Department is to encourage the creativity, talents, ideas, skills, and imagination of each student who is interested in the visual and performing arts. Each teacher guides students to explore their God-given talents in positive ways through self-expression and creativity. The Fine Arts Department strives to live out the words of Ephesians 2:10, "For we are God's handiwork, created in Christ Jesus to do good works, which God prepared in advance for us to do."

### **Art I**

*Prerequisite: None*

*Grades: 8-12*

*Length: Two semesters*

*Credit: 1 (Fine Arts)*

This course emphasizes basic elements of art (line, shape/form, value, space, and color) within the disciplines of drawing, painting, printmaking, pottery, and sculpture. A wide variety of media is explored including graphite, pastels, colored pencils, watercolor, acrylic, paper mache, clay, and mixed media. This course is designed to enhance students' creative and technical abilities in art. Daily assignments and longer projects are assigned to enhance students' proficiency of self-expression. Students will be introduced to art history through projects and presentations.

### **Art Photography**

*Prerequisite: Art I*

*Grades: 10-12*

*Length: Two semesters*

*Credit: 1 (Fine Arts)*

This course focuses on students' technical development with photography while honing their aesthetic sensibilities. Students improve their skills with digital cameras and become familiar with aperture, shutter speed, depth of field, and other technical aspects of photography. Much of class time is spent developing and modifying images in Adobe Photoshop.



## **Band**

*Prerequisite: None*

*Grades: 9–12*

*Length: Two semesters*

*Credit: 1 (Fine Arts or Physical Education credit)*

The upper school Band comprises the Pep Band and Marching Band in the fall, and the Concert Band and Jazz Band in the spring. The Pep Band and Marching Band, along with the Drum Line, focus on various styles of music (for example, pop, rock, and jazz) for performances at pep rallies and football games. The Concert and Jazz Bands perform at school concerts, competitions, and community concerts. The goal of this class is to provide students with a Christ-centered music education that includes music theory, improvisation, and the reading of sacred and secular literature. Students have the opportunity to participate in district and state competitions, community concerts, seasonal and holiday concerts, Artist's Garden, and Fine Arts Department musical productions.

## **Chorale**

*Prerequisite: Voice placement*

*Grades: 9–12*

*Length: Two semesters*

*Credit: 1 (Fine Arts)*

Chorale is a mixed choir of different levels of singers. This group sings classical repertoire as well as pop and Broadway styles of music. Students will learn music theory, healthy vocal technique, and performance etiquette. Chorale participates in TAPPS Regional and State Competitions. This exciting group will be challenged to reach their full potential!

## **Dance Team**

*Prerequisite: Audition*

*Grades: 9–12*

*Length: Two semesters*

*Credit: 1 (Fine Arts or Physical Education credit)*

The Dance Team is made up of young women dedicated to dancing as they cheer for sports teams. The Dance Team increases school spirit and performs at various halftime events. A dancer is dedicated to early morning practices, after-school sporting events, competitions, clinics, and community performances, as well as performing in Artist's Garden. The time commitment consists of daily practices, frequent weekend practices, and other after-school requirements. Above all, a dancer has a personal, growing relationship with Jesus Christ. Dance Team members are selected in the spring. Character, grades, conduct, recommendations, and talent are all considered.

## **Drawing and Painting I**

*Prerequisite: Art 1*

*Grades: 9–12*

*Length: Two semesters*

*Credit: 1 (Fine Arts)*

This intermediate course is designed to enhance students' abilities with two-dimensional art. Students will progress through advanced drawing concepts with a number of different media. They will then utilize their drawing skills within painting, printmaking, and mixed-media assignments. Each student will strive to create original artwork at a competition level.

## **Drawing and Painting II, III, and IV**

*Prerequisite: Drawing and Painting I, II, or III, respectively*

*Grades: 10–12*

*Length: Two semesters*

*Credit: 1 (Fine Arts)*

Students will have a better understanding of different media and will continue to build their skill, composition, exploration of media resulting in a body of work that shows their skill. Most upper-level students use these pieces for competitions, personal growth in art, the student's voice, building a portfolio to use for AP Drawing, as well as college admissions requiring art/design/architecture portfolios.

## **Encore Production**

*Prerequisite: Spotlight, Showstoppers, the All-School Musical, Theatre Tech or outside theatre activity. Audition and interview required.*

*Grades: 9–12*

*Length: Two semesters*

*Credit: 1 (Fine Arts, Physical Education, or Speech credit)*

This advanced theatre course is designed for students who wish to continue studying acting and theatre technology as part of a theatrical troupe. Students will perform, direct, and compete in various scenes, plays, musicals, and school-wide productions. Students will also explore stagecraft and technical theatre, as well as directing and producing. Students must be willing to participate in productions, competitions, and many other projects. Throughout the preparation of each project, students will explore acting styles, acting methods, and various areas of theatre. This class requires outside rehearsals (after school and on weekends), performances, and traveling. This group requires an audition and interview.

## **Graphic Design/Digital Art**

*Prerequisite: Art I*

*Grades: 9-12*

*Length: Two semesters*

*Credit: 1 (Fine Arts)*

Students will use Adobe Photoshop, Adobe Illustrator, and other programs to create graphic design images, digital sketches, and paintings. Technical aspects of digital brushes, painting tools, and layering images will be explored. Elements of art and principles of design will be stressed as students learn to navigate within computer programs to create original artwork.

## **Intro to Worship Culture**

*Prerequisites: none*

*Grades: 9-12*

*Length: Two semesters*

*Credit: 1 (Fine Arts credit)*

This course is an introduction to leading worship. It will teach the fundamentals of music and composition. Students will have the opportunity to collaborate with the Worship Culture students on selected chapels.

## **Portfolio Art I**

*Prerequisite: Artwork Approval*

*Grades: 8-12*

*Length: Two semesters*

*Credit: 1 (Fine Arts)*

Students will submit a portfolio of 4-6 artworks/sketchbook ideas for teacher approval. If the effort is shown, they may take a more rigorous approach to Art I. Advanced Art I will cover drawing, painting, printmaking, sculptural, and pottery skills. Students will be required to compete in various art competitions.

## **Sculpture and Ceramics I**

*Prerequisite: Art I*

*Grades: 9–12*

*Length: Two semesters*

*Credit: 1 (Fine Arts)*

This intermediate course is designed to enhance students' abilities with three-dimensional art. Functional pieces, relief sculpture, and sculpture will be explored with a variety of media. While wheel-throwing and hand-building with clay, students will create work that is structurally sound and visually elegant. Clay principles and firing techniques will be explored in-depth. Additionally, students will explore other areas of 3D art using a variety of materials such as cardboard, wire, papier-mâché, and wood. Each student will be encouraged to create original competition-level artwork.

## **Sculpture and Ceramics II, III, and IV**

*Prerequisite: Sculpture and Ceramics I, II, or III, respectively*

*Grades: 10–12*

*Length: Two semesters*

*Credit: 1 (Fine Arts)*

Students will further explore other sculpture and ceramic ideas. An emphasis will be placed on competition-level works and personal techniques.

## **AP Studio Art 2D Design**

*Prerequisites: Drawing and Painting I, Art Photography, or Graphic Design/Digital Art, and instructor approval*

*Grades: 10–12*

*Length: Two semesters*

*Credit: 1 (Fine Arts)*

This course is designed to help students create and develop a portfolio of artwork. Students create artwork for the sustained investigation and selected works sections of their portfolio. While creating their portfolio, students develop competition-level artwork. This course will result in the student completing a 2D design portfolio using the guidelines set by the AP College Board. Students taking this course are required to submit a portfolio of completed work in lieu of a written AP Exam. See pages 4-6 for more information about Honors and AP requirements, as well as registration and payment.

## **AP Studio Art 3D Design**

*Prerequisites: Sculpture and Ceramics I, and instructor approval*

*Grades: 10–12*

*Length: Two semesters*

*Credit: 1 (Fine Arts)*

Students will explore three-dimensional forms with a variety of materials, such as clay, wood, plaster, papier-mâché, found objects, and fabric. These raw materials will be used in creating expressive sculptural designs that incorporate form and space, and relate the three-dimensional form to its environment. Students will produce several projects of high quality, college-level artwork. These projects will begin with exploring the elements and principles of design, and will involve each student developing an individual line of inquiry, experimentation, and risk-taking. Summer work is highly recommended. This course will result in the student completing a 3D design portfolio using the guidelines set by the AP College Board. Students taking this course are required to submit a portfolio of completed work in lieu of a written AP Exam. See pages 4-6 for more information about Honors and AP requirements, as well as registration and payment.

## **AP Studio Art Drawing**

*Prerequisites: Drawing and Painting I, and instructor approval*

*Grades: 10–12*

*Length: Two semesters*

*Credit: 1 (Fine Arts)*

In this course, students will address a very broad interpretation of drawing issues and media. Line quality, light and shade, rendering of form, composition, surface manipulation, and the illusion of depth and mark-making are drawing topics that can be addressed through a variety of means, which could include painting, printmaking, mixed media, etc. This course will result in the student completing a drawing portfolio using the guidelines set by the AP College Board. Students taking this course are required to submit a portfolio of completed work in lieu of a written AP Exam. See pages 4-6 for more information about Honors and AP requirements, as well as registration and payment.

## **Technical Theatre Production**

*Prerequisite: None*

*Grades: 9–12*

*Length: Two semesters*

*Credit: 1 (Fine Arts or CTE credit)*

Technical Theatre Production is a theater training course which will explore the backstage world of theatre. Students will investigate several areas of production and design from both a practical and a theoretical base. Students will be given the opportunity to explore the following areas: theatre and shop safety, scenic design and painting, set construction, lighting design and operation, sound design and operation, theatre history. Students will also receive training from working individuals in the technical industry. Our technical theatre team will be a part of our Fall Show, One Act Play, and the All School Musical.

## **Worship Culture**

*Prerequisites: Audition and interview, plus one year of band, choir or Intro to Worship Culture*

*Grades: 10–12*

*Length: Two semesters*

*Credit: 1 (Fine Arts or Speech credit)*

This course introduces students to leading the body of Christ in worship through the art of music. Students will worship together and learn more about playing instruments, singing, harmonizing, and writing songs. Students will also participate in the Christmas Concert and a TAPPS competition. They will also have the opportunity to work with professional musicians and worship pastors.

## **Yearbook**

*Prerequisite: None*

*Grades: 8–12*

*Length: Two semesters*

*Credit: 1 (Fine Arts or CTE credit)*

This class introduces students to journalism, graphic design, photography, and many real-life career skills like project management and teamwork to create an historical keepsake for the student body that will be enjoyed for many years to come. Previous yearbook students will be expected to delve deeper into each of these areas, provide leadership, and have a higher level of productivity. The class requires time management, “a positive, can-do attitude,” and self-motivation - and promises to provide fun, too. Students will use Jostens Yearbook Avenue software and Canon Rebel T7i and 70D cameras, and will need to take photos and work on pages outside of the class occasionally.

## **Additional Fine Arts Dual Credit Options**

All online Dual Credit courses are one semester courses. In addition to earning .5 credit toward fulfilling Liberty graduation requirements, students will be eligible to earn college credit hours upon completion of enrollment at the applicable college or university, successful completion of course requirements, and payment of college tuition and fees.

See your Academic Advisor and the [Liberty and TCC Crosswalk](#) for more information.

## Mathematics

Mathematics is the language with which God spoke the universe into existence and serves as an important tool to describe God's creation and manage the resources therein. The Liberty Mathematics Department strives to promote mathematical literacy and equip students with the mathematical skills needed to succeed at the university level, meet the challenge of tomorrow's technology, compete in the workforce, and further establish the Kingdom of God by means of service and example in the community. *Note: Four years of math in high school are required for graduation; Liberty students must be enrolled and receive credit for a different and progressive math class every year at LCS.*

### Algebra I

*Prerequisite: 8th Grade Mathematics*

*Grade: 9*

*Length: Two semesters*

*Credit: 1*

This course is the first of a two-year study of algebra. Algebra I emphasizes rules, symbols, and laws of arithmetic within the algebraic structure. Students will develop a deep understanding of how to solve, graph, and find patterns of linear and quadratic functions. Students will obtain analytical and critical thinking skills that will be the basis for future math classes.

### Algebra II

*Prerequisites: Algebra I and Geometry*

*Grades: 10 –11*

*Length: Two semesters*

*Credit: 1*

Algebra II begins by developing a deeper understanding of the linear and quadratic functions learned in Algebra I. The remainder of the year is spent introducing and making connections between rational, exponential, logarithmic, and trigonometric functions including conics.

### Algebra II Honors

*Prerequisites: Algebra I, Geometry, Grade Requirement, Teacher Recommendation and MAP score*

*Grades: 10 –11*

*Length: Two semesters*

*Credit: 1*

Algebra II begins by developing a deeper understanding of the linear and quadratic functions learned in Algebra I. The remainder of the year is spent introducing and making connections between rational, exponential, logarithmic, and trigonometric functions including conics. Honors courses will take the same concepts to a deeper level, and students will be expected to combine concepts in more rigorous problem-solving experiences and use their knowledge of concepts in new situations. See pages 4-6 for more information about Honors and AP requirements.

## Calculus

*Prerequisite: Precalculus or Dual Credit Precalculus*

*Grades: 11–12*

*Length: Two semesters*

*Credit: 1*

This course covers all essential topics for a first-semester college calculus course. Topics include the study of limits, derivatives and their applications, and integrals and their applications. This course includes a review unit of precalculus at the beginning of the year.

## AP Calculus AB

*Prerequisite: Precalculus, AP Precalculus highly recommended, Grade Requirement, Teacher Recommendation and MAP score*

*Grades: 11–12*

*Length: Two semesters*

*Credit: 1*

AP Calculus AB is designed to be the equivalent of a first semester college calculus course devoted to topics in differential and integral calculus. This course is recommended for any student considering college studies or a vocation in the sciences, technology, engineering, mathematics, or business. Students taking this course are required to take the AP Calculus AB Exam. See pages 4-6 for more information about Honors and AP requirements, as well as registration and payment.

## AP Calculus BC

*Prerequisite: AP Calculus AB, Grade Requirement, Teacher Recommendation and MAP score*

*Grades: 12*

*Length: Two semesters*

*Credit: 1*

AP Calculus BC differs from AP Calculus AB in two significant ways. First, it covers the content of not just one but the first two semesters of college calculus. Second, it progresses at twice the pace of AP Calculus AB in order to cover these two college courses in one year of high school study. This fast-paced, rigorous course is recommended for academically strong students targeting college studies or a vocation in the sciences, technology, engineering, mathematics, or business. Students taking this course are required to take the AP Calculus BC Exam. See pages 4-6 for more information about Honors and AP requirements, as well as registration and payment.



## **Dual Credit College Algebra (TCC MATH 1314)**

*Prerequisite: Algebra II, meet TSI College Readiness standard for Mathematics*

*Grade: 11-12*

*Length: Fall semester only*

*Credit: .5 high school credit, 3 hours college credit*

This course is an accelerated in-depth study and applications of polynomial, rational, radical, exponential and logarithmic functions, and systems of equations using matrices. Additional topics such as sequences, series, probability, and conics may be included. This course is intended for STEM (Science, Technology, Engineering, and Mathematics) majors, as well as students pursuing some Business and Education programs. It is a preparation for advanced coursework in mathematics.

## **OnRamps DE College Algebra**

*Prerequisite: Algebra I and Geometry, parent, counselor, principal and college approval*

*Grade: 10-12*

*Length: Two semesters*

*Credit: 1 high school credit, possible 3 hours college credit*

OnRamps College Algebra is a dual enrollment course concerned with the basic facts and techniques of algebra that are used over and over again in almost every college-level mathematics course, as well as in other courses and everyday mathematics. Content includes the rational, real and complex number systems; the study of functions including polynomial, rational, radical, exponential, and logarithmic functions and related equations; inequalities; systems of linear equations; and sequences and counting theory. See page 5 for more information about OnRamps.

## **Intermediate Algebra**

*Prerequisite: Grade of 73 or below in Algebra II and advisor approval*

*Grades: 11-12*

*Length: Two semesters*

*Credit: 1*

Students will extend their mathematical understanding beyond the Algebra II level through further study of functions, inverses, transformations, and compositions. Applications using data, regression models, sequences and series, probability, and matrices will also be studied. This course is designed to be a bridge for students between Algebra II and college level math.

## **Geometry**

*Prerequisite: Algebra I*

*Grades: 9–10*

*Length: Two semesters*

*Credit: 1*

This course begins with logical reasoning and proof, utilizing both throughout the course. This course investigates properties of 2- and 3-dimensional figures. Some of the main ideas include proportions, congruence, transformations, coordinate geometry, special right triangles, and trigonometry. Algebra will be integrated throughout the course to serve as a bridge from Algebra I to Algebra II.

## **Geometry Honors**

*Prerequisite: Algebra I, Grade Requirement, Teacher Recommendation and MAP score*

*Grades: 9–10*

*Length: Two semesters*

*Credit: 1*

This course begins with logical reasoning and proof, utilizing both throughout the course. This course investigates properties of 2- and 3-dimensional figures. Some of the main ideas include proportions, congruence, transformations, coordinate geometry, special right triangles, and trigonometry. Algebra will be integrated throughout the course to serve as a bridge from Algebra I to Algebra II. Honors courses will take the same concepts to a deeper level, and students will be expected to combine concepts in more rigorous problem-solving experiences and use their knowledge of concepts in new situations. See pages 4-6 for more information about Honors and AP requirements.

## **Precalculus**

*Prerequisites: Geometry, Algebra II or DC/DE College Algebra*

*Grades: 11–12*

*Length: Two semesters*

*Credit: 1*

The scope of the course includes trigonometry, identities, functions, graphing, conic sections, and matrices. This course is recommended for students interested in pursuing university studies in the sciences, mathematics, or business.

## Dual Credit Precalculus (TCC MATH 2412)

*Prerequisite: Successful completion of TCC [MATH 1314](#) - College Algebra*

*Grade: 11-12*

*Length: Spring semester only*

*Credit: .5 high school credit, 4 hours college credit*

This is an in-depth combined study of algebra, trigonometry, and other topics for calculus readiness.

## AP Precalculus

*Prerequisites: Geometry, Algebra II, Algebra II Honors highly recommended, Grade Requirement, Teacher Recommendation and MAP score*

*Grades: 11–12*

*Length: Two semesters*

*Credit: 1*

In AP Precalculus, students explore everyday situations and phenomena using mathematical tools and lenses. Through regular practice, students build deep mastery of modeling and functions, and they examine scenarios through multiple representations. They will learn how to observe, explore, and build mathematical meaning from dynamic systems. Students study each function type through their graphical, numerical, verbal, and analytical representations and their applications in a variety of contexts. Students apply their understanding of functions by constructing and validating appropriate function models for scenarios, sets of conditions, and data sets, thereby gaining a deeper understanding of the nature and behavior of each function type. Students taking this course are required to take the AP Precalculus Exam. See pages 4-6 for more information about Honors and AP requirements.

## OnRamps DE Statistical Methods

*Prerequisite: Algebra II and College Algebra or Precalculus*

*Grade: 11-12*

*Length: Two semesters*

*Credit: 1 high school credit, possible 3 hours college credit*

*Course Numbers: M.D928OR | 03102501*

OnRamps Statistics is a dual enrollment data analysis course for high school juniors and seniors seeking to develop the quantitative reasoning skills and habits of mind necessary to succeed in the higher education environment. This course will focus on simulation to support understanding of high-level concepts, including lessons on experimental design and a high school research poster project to provide hands-on practical understanding opportunities. See page 5 for more information about OnRamps.

### **Additional Math Dual Credit Options**

All online Dual Credit courses are one semester courses. In addition to earning .5 credit toward fulfilling Liberty graduation requirements, students will be eligible to earn college credit hours upon completion of enrollment at the applicable college or university, successful completion of course requirements, and payment of college tuition and fees.

See your Academic Advisor and the [Liberty and TCC Crosswalk](#) for more information.

## Physical Education

Enhancing the education of students through physical activity is an important step to attaining positive health and mental fitness. Striving for excellence and creating strenuous exercises help prepare students for the challenges and obstacles ahead and give them the confidence to meet adversity with success. 1 Timothy 4:9 says, "For physical training is of some value, but godliness has value for all things, holding promise for both the present life and the life to come."

### Athletics

Prerequisite: Completed medical physical

Grades: 9–12

Length: Two semesters

Credit: 1 (*Physical Education credit*)

This course is designed for students who wish to participate in at least one of the sports in the athletic program. Sports available for boys include football, basketball, baseball, soccer, wrestling, swimming, tennis, golf, track and field, and cross country. Sports available for girls include volleyball, basketball, softball, soccer, swimming, tennis, golf, track and field, and cross country. Athletes will be required to attend a Sports Performance Class offered during the school day. Sports Performance classes are designed to enhance the athletic performance of all athletes and include strength training, speed and agility work, along with mobility and conditioning.

Students enrolled in athletics are required to stay in athletics all year. Please refer to the Student/Parent Handbook for specific Physical Education Department Guidelines.

### Cheerleading – Varsity Game Day and Competition Team

*Prerequisites for Varsity Game Day: Try out – no tumble requirement but must be able to perform certain stunts*

*Prerequisites for Competition Team: Try out – various tumble and stunt requirements*

*Grades: 9–12*

*Length: Two semesters*

*Credit: 1 (Physical Education credit)*

The Varsity Cheerleading Squad comprises young women dedicated to cheering for varsity sports teams and increasing school spirit. Commitments include attending tumble classes, afternoon practices, and occasional weekend practices. Varsity cheerleaders are also responsible for community service events, participating in pep rallies, and fundraisers. Above all, a cheerleader has a personal growing relationship with Jesus Christ. The competition squad will also participate in three competitions a year: Regionals, State, and Nationals, which is held in Orlando, FL. Cheer tryouts are held each year in the spring.

## Science

The mission of the Science Department is to educate and challenge students to think creatively, logically, and analytically and to stimulate interest in the sciences that provide a solid foundation for the next level of education. Students examine God's creation and learn from teachers who provide a safe environment, offer hands-on experiences, and emphasize a working understanding between science and theology that leads toward practical growth in the students' relationship with God.

### Anatomy and Physiology

*Prerequisites: Biology and Chemistry*

*Grades: 11-12*

*Length: Two semesters*

*Credit: 1*

This fast-paced course is designed to prepare students for continued studies in the medical and health professions. Using a college text, students will study all major body systems. Weekly labs will involve dissections and physiological activities.

### Biology

*Prerequisite: None*

*Grade: 9*

*Length: Two semesters*

*Credit: 1*

Biology is the study of the many different aspects of living organisms. Topics of study include, but are not limited to, molecular and cellular biology, genetics, genetic engineering, evolution and creation, invertebrate and vertebrate anatomy and physiology, plants, microorganisms, ecology, and taxonomy. Emphasis is placed on comprehension and application of biological principles. Lab exercises are conducted every other week.

### Biology Honors

*Prerequisite: Algebra I or concurrent*

*Grade: 9*

*Length: Two semesters*

*Credit: 1*

This course is for those students desiring a more comprehensive and detailed study of the topics listed under the Biology course. This course also prepares students for the Biology AP course. See pages 4-6 for more information about Honors and AP requirements.

## AP Biology

*Prerequisites: Biology, Biology Honors highly recommended, Chemistry, Chemistry Honors highly recommended and Teacher Recommendation*

*Grades: 11–12*

*Length: Two semesters*

*Credit: 1*

AP Biology is designed to be the equivalent of a freshman college biology course. The following topics are examined in detail: biochemistry, cellular processes, energy, photosynthesis, cellular respiration, heredity, modern genetics, creation and evolution, zoology and botany, and ecology. Lab exercises are included with each topic. A summer review assignment will be required. Students taking this course are required to take the AP Biology Exam. See pages 4-6 for more information about Honors and AP requirements, as well as registration and payment.

## Chemistry

*Prerequisite: Algebra I*

*Grade: 10*

*Length: Two semesters*

*Credit: 1*

Chemistry is an introductory study of the composition of and changes in matter. Topics include, but are not limited to, atomic theory, stoichiometry, thermodynamics, molecular structure, solutions, quantum theory, acids and bases, and introductory organic chemistry. Emphasis is placed on problem solving, application, and laboratory technique, as well as deriving and testing established chemical laws. Lab exercises are conducted every other week.

## Chemistry Honors

*Prerequisite: Algebra I*

*Grade: 10*

*Length: Two semesters*

*Credit: 1*

Chemistry Honors will follow the College Board model to prepare students for AP Chemistry in the future. The class will focus on a deep understanding of matter and energy, and students will be expected to explain their observations using their reasoning skills. Students will begin the course by observing and measuring properties of everyday materials and progress throughout the course to explore deeper and more detailed perspectives of the nature of matter. Chemistry Honors will motivate students to be active participants in applying critical thinking and mathematical skills as they engage in context-driven mathematics, data analysis, modeling, and productive collaborating with peers. See pages 4-6 for more information about Honors and AP requirements.

## AP Chemistry

*Prerequisites: Chemistry, Chemistry Honors highly recommended, Algebra II and Teacher Recommendation*

*Grades: 11–12*

*Length: Two semesters*

*Credit: 1*

AP Chemistry is designed by the College Board to be the equivalent of a second semester college chemistry course. The course includes an expanded study of the topics covered in first-year chemistry as well as several advanced topics, such as molecular orbital theory, chemical equilibria, kinetics, electrochemistry, thermodynamics, and spectroscopy. Emphasis is on a deeper understanding of the major ideas of chemistry through qualitative and quantitative analysis of concepts and data. On average, a lab will be held once a week. A summer review assignment is a vital part of the course. Students taking this course are required to take the AP Chemistry Exam. See pages 4–6 for more information about Honors and AP requirements, as well as registration and payment.



## Earth and Space Science

*Prerequisite: Biology and Chemistry*

*Grades: 11–12*

*Length: Two semesters*

*Credit: 1*

Earth and Space Science explores God's handiwork through the study of the physical universe. The course includes study of scientific philosophies and models of earth systems, astronomy, meteorology, geology, and oceanography. This course will strengthen critical thinking skills through projects, presentations, and group work. Lab work is included in the course.

## Engineering Essentials

*Prerequisite: None*

*Grades: 9–12*

*Length: Two semesters*

*Credit: 1*

Students will understand the various disciplines within the engineering field and how they apply to today's world and future career opportunities. Students will apply systems thinking and consider various aspects of engineering design including material selection, human-centered design, manufacturability, and sustainability, as they create mechanical solutions to problems. Students will approach and solve problems in different ways including process solutions, mechanical solutions, electronic solutions, and infrastructure solutions, with a final project in urban development. They will use a variety of industry tools such as the geographical information system, computer-aided design, and electrical circuit simulation. Students will also develop an engineering mindset and a proficiency in key STEM-related career competencies including technical communication, collaboration, computational thinking, systems thinking, project management, and ethical reasoning.



## **AP Environmental Science**

*Prerequisite: must meet AP requirements in Biology and Chemistry; Algebra II concurrent or higher level math*

*Grades: 11-12*

*Length: Two semesters*

*Credit: 1*

The AP Environmental Science course is designed to engage students with the scientific principles, concepts, and methodologies required to understand the interrelationships within the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography. Students taking this course are required to take the AP Environmental Science Exam. See pages 4-6 for more information about Honors and AP requirements, as well as registration and payment.

## **Forensic Science**

*Prerequisites: Biology and Chemistry*

*Grades: 11-12*

*Length: Two semesters*

*Credit: 1*

Forensic Science is an interdisciplinary science derived from all areas of science. The approach of this course is different from the other science offerings, in that it is a “real world” hands-on class. The class stresses problem solving skills, writing skills, math and computer skills, and decision-making skills as well as the ability to use specific instruments. Much of the class work is done in small cooperative learning teams. Students will learn to do the following: think critically, self-direct their work, interpret and analyze scientific data, communicate results in writing, and work in groups.

## **Physics**

*Prerequisites: Algebra II and Chemistry*

*Grades: 11-12*

*Length: Two semesters*

*Credit: 1*

Physics covers the basics of mechanics, light, sound, magnetism, and electricity, yet does not rely as heavily on the mathematical equations as does AP Physics I. Lab work is incorporated in the course. Hands-on learning and projects are incorporated as students learn how things work and discover the creativity and order present in the world God created.

## **OnRamps DE Physics**

*Prerequisites: Algebra II and Chemistry, parent, counselor, principal, and college approval*

*Grades: 11–12*

*Length: Two semesters*

*Credit: 1 high school credit, possible 3 hours college credit*

OnRamps Physics is a dual enrollment course that focuses on mechanics, heat, and sound aspects of physics during the first semester and completes the requirements of a general physics technical I course. See page 5 for more information about OnRamps.

## **AP Physics I**

*Prerequisites: Algebra II, Algebra II Honors highly recommended, Biology, and Chemistry*

*Corequisite: Precalculus or higher math*

*Grades: 11–12*

*Length: Two semesters*

*Credit: 1*

AP Physics I is an algebra-based, introductory college-level physics course that explores topics such as the following: Newtonian mechanics; work, energy, and power; mechanical waves and sound; and introductory simple circuits. The course includes inquiry-based learning that helps students develop scientific critical thinking and reasoning skills. Students taking this course are required to take the AP Physics I Exam. See pages 4-6 for more information about Honors and AP requirements, as well as registration and payment.

## **AP Physics C: Electricity and Magnetism**

*Prerequisites: AP Physics I and Instructor Approval*

*Corequisite: AP Calculus*

*Grade: 12*

*Length: Two semesters*

*Credit: 1*

AP Physics C: Electricity and Magnetism is equivalent to a one-semester, calculus-based, college-level physics course, especially appropriate for students planning to specialize or major in physical science, engineering, architecture, or mathematics. Students will gain a working knowledge of calculus by applying this mathematical tool in real-world applications of physics. This course provides instruction in the following five content areas: electrostatics; conductors, capacitors, and dielectrics; electric circuits; magnetic fields; and electromagnetism. Upon completion of this course, students should have a strong conceptual understanding of the physics of electricity and magnetism and well-developed skills for critical thinking and problem solving. Students taking this course are required to take the AP Physics C: Electricity and Magnetism Exam. See pages 4-6 for more information about Honors and AP requirements, as well as registration and payment.

## **AP Physics C: Mechanics**

*Prerequisites: AP Physics I and Instructor Approval*

*Corequisite: AP Calculus*

*Grade: 12*

*Length: Two semesters*

*Credit: 1*

AP Physics C: Mechanics is equivalent to a one-semester, calculus-based, college-level physics course, especially appropriate for students planning to specialize or major in physical science, engineering, architecture, or mathematics. Students will gain a working knowledge of calculus by applying this mathematical tool in real-world applications of physics. This course provides instruction in the following six content areas of mechanics: kinematics; Newton's laws of motion; work, energy and power; systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation. Upon completion of this course, students should have a strong conceptual understanding of physics and well-developed skills for critical thinking and problem solving. Students taking this course are required to take the AP Physics C: Mechanics Exam. See pages 4-6 for more information about Honors and AP requirements, as well as registration and payment.

## **Science Dual Credit**

All online Dual Credit courses are one semester courses. In addition to earning .5 credit toward fulfilling Liberty graduation requirements, students will be eligible to earn college credit hours upon completion of enrollment at the applicable college or university, successful completion of course requirements, and payment of college tuition and fees.

See your Academic Advisor and the [Liberty and TCC Crosswalk](#) for more information.

## Social Studies

The Social Studies Department is dedicated to helping students become well-informed, intelligent citizens who see a culturally diverse world through the lens of Christianity. Courses offered are designed to help students develop reasoning and critical thinking skills, to understand God's plan as it is revealed in history, and to respect the United States and the value of democracy. Coursework required in upper school is built in four stages: how mankind uses the earth that was created for him, the history of man from Adam to the present, the history of the United States, and the government and economic system as it exists today. More advanced coursework is offered for students who wish to further their studies in this field in preparation for college and beyond.

### AP European History

*Prerequisite: World History and completion of at least one AP history course*

*Grade: 11-12*

*Length: Two semesters*

*Credit: 1 (Elective Credit)*

This course will study European history since 1450. It will introduce students to cultural, economic, political, and social developments that played a fundamental role in shaping the world. In addition to providing a basic narrative of events and movements, this course will develop the students' understanding of some of the principal themes in modern European history, enhance their ability to analyze historical evidence and historical interpretation, and expand on their ability to express historical understanding in writing. Summer assignments are vital to this course. Students taking this course are required to take the AP European History Exam. See pages 4-6 for more information about Honors and AP requirements, as well as registration and payment.

### AP Human Geography

*Prerequisites: Students in 9<sup>th</sup> grade must have maintained a minimum average of 90 percent in the previous year's history course or 85 percent in the previous year's history Honors course **and** a minimum average of 90 percent in the previous year's English course or 85 percent in the previous year's English Honors course. Students in 10<sup>th</sup>-12<sup>th</sup> grades must have maintained a minimum average of 90 percent in the previous year's history course or a minimum average of 85 percent in the previous year's history Honors/AP course.*

*Grades: 9-12*

*Length: Two semesters*

*Credit: 1*

AP Human Geography is an advanced, college-level course that will prepare students to take the Advanced Placement Human Geography Exam. It will introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the earth's surface. Students will learn to employ spatial concepts and landscape analysis to examine human socioeconomic organization and its environmental consequences. They will also learn about the methods and tools geographers use in their research. A summer assignment is required as part of this course. Students taking this course are required to take the AP Human Geography Exam. See pages 4-6 for more information about Honors and AP requirements, as well as registration and payment.

## AP Macroeconomics

*Prerequisite: U.S. History, Grade Requirement, and Teacher Recommendation*

*Grade: 12*

*Length: One semester*

*Credit: .5*

AP Macroeconomics is an advanced, college-level course that prepares students to take the Advanced Placement Macroeconomics Exam. This course is intended to give students a thorough understanding of economics as it applies to the economy as a whole. Lessons include analysis of national income and its components, price determination, economic performance measures, inflation and unemployment, money and banking, stabilization policies, and the United States and world trade. The course examines economic aspects of fiscal and monetary policy making from a Christian perspective. The course culminates with a group project. Students taking this course are required to take the AP Macroeconomics Exam. See pages 4-6 for more information about Honors and AP requirements, as well as registration and payment.



## OnRamps DE U.S. Government

*Prerequisite: U.S. History, Grade Requirement, and Teacher Recommendation*

*Grade: 12*

*Length: One semester*

*Credit: .5 high school credit, possible 3 hours college credit*

This course introduces the American principles for self-government established by the founders with the goal of preparing students to take an active role in civic life. Students learn about their rights and responsibilities as individual citizens and their ability to participate in government, including the right to vote and run for office. The course also explores how American government was shaped during its founding and how it has evolved, as well as core texts and key events that influenced the development of American citizenship. See page 5 for more information about OnRamps.



## OnRamps DE Economics

*Prerequisite: U.S. History, Grade Requirement, Teacher Recommendation and Algebra II or concurrent*

*Grade: 12*

*Length: One semester*

*Credit: .5 high school credit, possible 3 hours college credit*

This course introduces the principles, models and conditions that influence our economy and explores how consumers, businesses and governments make and evaluate economic decisions. In addition to studying core concepts like scarcity, opportunity costs, supply and demand, market structures, competition and behavioral economics, students also learn about economics in business, entrepreneurship and their own personal lives. Through Flipped Learning, the course emphasizes microeconomics concepts and quantitative reasoning as students employ logic, mathematics and technology to interpret basic statistics and apply economic analysis. Students drive their own mastery of the content through peer collaboration and in-class discussion. See page 5 for more information about OnRamps.



## **Personal Financial Literacy and Economics**

*Prerequisite: U.S. History*

*Grade: 12*

*Length: One semester*

*Credit: .5*

This course emphasizes the biblical economic way of thinking, which serves as a framework for personal financial decision-making and stewardship that will occur over the course of the students' lives. Students are introduced to common economic and personal financial planning terms and will be introduced to foundational concepts in microeconomics and macroeconomics. This integrative course requires that students demonstrate critical thinking by exploring how to invest in themselves with education and skill development, earn income, and budget for spending, saving, and investing. Students will examine their individual responsibility for managing their personal finances and will connect how their financial decision making impacts the greater economy and has the potential to bring glory to God.

## **United States Government**

*Prerequisite: U.S. History*

*Grade: 12*

*Length: One semester*

*Credit: .5*

This course includes a detailed study of the foundations of the U.S. government, the Constitution, the three branches of government, and the political party system. The objective of this course is to prepare students for their role as active and knowledgeable participants in the democratic process. Because the U.S. has been blessed with economic, political, and religious freedom, Christians have the responsibility of protecting and preserving these freedoms. A thorough knowledge of how the U.S. government works is vital to fulfilling this responsibility.

## **AP United States Government and Politics**

*Prerequisite: U.S. History, Grade Requirement, and Teacher Recommendation*

*Grade: 12*

*Length: One semester*

*Credit: .5*

AP United States Government and Politics is an advanced, college-level course that will prepare students to take the Advanced Placement United States Government and Politics Exam. This course follows the curriculum requirements for the “AP United States Government and Politics Course Description” published by the College Board, along with Liberty Christian School guidelines for a United States government survey course. This course gives students an analytical perspective on government and politics in the United States. It includes the study of American government institutions, political beliefs and behaviors, political parties, interest groups, mass media, public policy, and civil rights and liberties. It is a challenging course requiring extensive reading, critical analysis, and a knowledge of national and international events. Developing a Christian worldview that will enable students to be citizens who are knowledgeable, informed, and involved is the ultimate goal for the AP U.S. Government course. Summer reading is required. Students taking this course are required to take the AP United States Government and Politics Exam. See pages 4-6 for more information about Honors and AP requirements, as well as registration and payment.

## **United States History**

*Prerequisite: World History*

*Grade: 11*

*Length: Two semesters*

*Credit: 1*

This course includes the study of people, events, and issues from the Reconstruction Period after the Civil War to the present. This survey includes the growth and development of the distinct and unique American culture as the U.S. grew into a world power. The chronicle of successes and failures of previous generations will serve as a guide for students in their own generational setting. This course also focuses on the religious topics of the Great Awakenings and the missionary and evangelistic expressions in U.S. history. Students will apply a biblical stance, aligned with God’s will, to United States history and their own lives.

## **AP United States History**

*Prerequisite: World History, Grade Requirement, and Teacher Recommendation*

*Grade: 11*

*Length: Two semesters*

*Credit: 1*

AP United States History is an advanced, college-level course that prepares students to take the Advanced Placement United States History Exam. As an accelerated course, the class takes a more targeted, detailed, and comprehensive survey of topics in United States history. Beginning with a brief review of United States history through the Civil War, it then focuses on the Reconstruction Era to the present. This course provides specific training in the document-based essay format on the AP History Exam, while stressing primary sources and students' analytical abilities. Mastery of the material in this course serves as a firm foundation for upper-level college courses. Summer reading is a vital part of the course. Students taking this course are required to take the AP United States History Exam. See pages 4-6 for more information about Honors and AP requirements, as well as registration and payment.

## **Vietnam War**

*Prerequisite: None*

*Grade: 11-12*

*Length: One semester*

*Credit: .5 (Elective Credit)*

This course will take a detailed look at America's involvement in Vietnam in context of the Cold War and its impact on the homefront in America with ambiguities of support and protest. There will be note-taking on the ample enrichments that are textual, documentary DVD, and theatrical clips from films. Students will take time to share their thoughts and insights. Personal history as both an intelligence operative Vietnamese linguist with U.S.A.F. and N.S.A. will be shared from a living primary source. The class will limit the reading aloud through targeted excerpts to facilitate understanding and learning. Military and social history abounds in this elective course.

## **World Geography**

*Prerequisite: None*

*Grade: 9*

*Length: Two semesters*

*Credit: 1*

World Geography is the study of all the countries of the world. Major geographical features, people groups, religions, and current events for each country will be covered. Map studies involving not only the nations of the world but also the geographical, historical, and political situations that caused present boundaries will also be emphasized.



## **World History**

*Prerequisite: World Geography*

*Grade: 10*

*Length: Two semesters*

*Credit: 1*

This course is a survey of history from creation to modern day, demonstrating that God is constant throughout history. Students will develop higher-level thinking skills to analyze historical and geographical contexts, and to think critically about the way forces and events in history have influenced the modern world. There will be one book read each semester to supplement the textbook and one major project each semester.

## **AP World History: Modern**

*Prerequisite: World Geography or AP Human Geography, Grade Requirement and Teacher Recommendation*

*Grade: 10*

*Length: Two semesters*

*Credit: 1*

AP World History: Modern is an advanced, college-level course that prepares students for taking the World History: Modern Advanced Placement Exam. Though the majority of class time will focus on 1200 AD to the present, this course has a chronological framework beginning with the foundations of history and continuing to the present. Truly global in nature, the course includes studies of major political, social, economic, and artistic movements found in societies in Asia, Europe, Africa, and North and South America. Extensive reading and composition prepare students for the rigor of the Advanced Placement Exam. A summer assignment is required as part of this course. Students taking this course are required to take the AP World History: Modern Exam. See pages 4-6 for more information about Honors and AP requirements, as well as registration and payment.

## **World War II**

*Prerequisite: None*

*Grade: 11-12*

*Length: One semester*

*Credit: .5 (Elective Credit)*

This course will look at World War II and some of its precursors in the victory over Japan (V-J Day). The course will look in depth at the strategy, motivations, and policies that guided leaders of the Axis and Allies in this great cataclysmic conflict. There will be note-taking on the ample enrichments that are textual, documentary DVD, and theatrical clips from films. Students will take time to discuss and share their thoughts, sometimes about the unthinkable. Reading aloud through targeted excerpts to facilitate understanding and learning will be included. If students are inclined to military history, this elective course is for them.

### **Additional History Dual Credit Options**

All online Dual Credit courses are one semester courses. In addition to earning .5 credit toward fulfilling Liberty graduation requirements, students will be eligible to earn college credit hours upon completion of enrollment at the applicable college or university, successful completion of course requirements, and payment of college tuition and fees.

See your Academic Advisor and the [Liberty and TCC Crosswalk](#) for more information.

## World Languages

The vision and mission of Liberty Christian School's World Languages program is to empower students to develop an appreciation for God's people around the world and the ability to share His love in another language. The program provides students the opportunity to develop the highest level of proficiency through a sequential, spiraling World Languages curriculum based on the American Council on the Teaching of Foreign Languages (ACTFL) proficiency standards.

### American Sign Language I

*Prerequisite: None*

*Grades: 8-12*

*Length: Two semesters*

*Credit: 1*

*Note: Many colleges accept ASL to fulfill the foreign language requirement. Others accept ASL only within certain colleges, divisions, departments, or majors.*

Are you interested in communicating with the deaf and hearing impaired community? American Sign Language (ASL) I is a beginning course designed to introduce students to the basics of ASL. Students will learn the structure of ASL, fingerspelling, signing Christian songs, and communicating about daily-life topics. Cultural connections and biblical understanding of God's heart and the roles that God calls His people to will also be interwoven within each unit. The course has been carefully aligned to national standards as set forth by the American Council on the Teaching of Foreign Languages (ACTFL).

### American Sign Language II

*Prerequisite: ASL I*

*Grades: 9-12*

*Length: Two semesters*

*Credit: 1*

*Note: Many colleges accept ASL to fulfill the foreign language requirement. Others accept ASL only within certain colleges, divisions, departments, or majors. This is an online course.*

This course will build on the knowledge of American Sign Language as a World Language. Students will develop ASL communication skills by learning relevant topics and conversations while understanding the Deaf community as people created in the image of God with social beliefs, traditions, history and values. As they learn about the Deaf community, students will discover the characteristics of the spiritual community as well. The course has been carefully aligned to national standards as set forth by the American Council on the Teaching of Foreign Languages (ACTFL).

## **American Sign Language III**

*Prerequisite: ASL II*

*Grades: 10–12*

*Length: Two semesters*

*Credit: 1*

*Note: Many colleges accept ASL to fulfill the foreign language requirement. Others accept ASL only within certain colleges, divisions, departments, or majors. This is an online course.*

In this course students will dive into more advanced ASL signing, including unique grammar features and advanced classifiers and locatives. They will learn, compose, and present their newfound vocabulary and narratives and immerse themselves in Deaf culture and community by learning to express their opinions, use slang and idioms, and technology that offers authentic Deaf perspectives. Students will explore how travel, cultural differences, and geography affect sign language by learning important events and examining topics such as education, science, and literature. Students will translate Scripture into ASL structure, expanding their ability to speak the truth in ASL. Students will apply their language skills in real conversation activities, including conversations about their faith. The course has been carefully aligned to national standards as set forth by the American Council on the Teaching of Foreign Languages (ACTFL).

## **German I**

*Prerequisite: None*

*Grades: 8–12*

*Length: Two semesters*

*Credit: 1*

German I is a fun, interactive course designed to introduce students to the German language and culture. Emphasis will be on the acquisition of four skills: listening, speaking, reading, and basic writing. The primary goal is to give students the ability to carry on a simple conversation in German, including asking and answering questions. Students will also learn how to say a basic prayer and their favorite bible verse in German, share basic information, and learn German songs as a way to acquire the language. Note: German II Honors is the next course in this sequence. The course has been carefully aligned to national standards as set forth by the American Council on the Teaching of Foreign Languages (ACTFL).

## **German II Honors**

*Prerequisite: German I*

*Grade: 9–12*

*Length: Two semesters*

*Credit: 1*

German II Honors continues the study of the German language and culture. Through the study of relevant, theme-based units, this class continues to refine the four elements of language study: listening, speaking, reading, and writing. In this course, students will expand their conversational vocabulary. They will listen to and study traditional and contemporary German music, watch video clips and short movies, and read short novels in German. Students will also learn to write and recite their own prayers in German. This class will be conducted primarily in German, and students are expected to increase their oral and written proficiency. The course has been carefully aligned to national standards as set forth by the American Council on the Teaching of Foreign Languages (ACTFL). See pages 4-6 for more information about Honors and AP requirements.

## **German III Honors**

*Prerequisite: German II*

*Grade: 10–12*

*Length: Two semesters*

*Credit: 1*

This course continues to focus on the study of the German language, with emphasis on oral communication skills, written communication skills, and German culture. It is conducted primarily in German. The course utilizes comprehensible input materials, integrated audio and visual aids, as well as outside sources for enhancement and effectiveness. The course has been carefully aligned to national standards as set forth by the American Council on the Teaching of Foreign Languages (ACTFL). See pages 4-6 for more information about Honors and AP requirements.

## **Mandarin I**

*Prerequisite: Approval from Academic Advisor*

*Grades: 8–12*

*Length: Two semesters*

*Credit: 1*

This fun, beginning course is designed to introduce students to the basics of the Chinese language. Students will develop their Chinese proficiency in the four modalities of language learning (listening, speaking, reading and writing) with an emphasis on oral communication. Each unit in the course covers a specific theme that includes new vocabulary and language notes, with guided practice in cultivating students' interest in the language, biblical connections to Chinese characters, and the beauty of Chinese culture. Students will learn to say a basic prayer in Chinese, share basic information, and learn Chinese songs as a way to acquire the Chinese language. Note: Mandarin II Honors is the next course in this sequence. This course has been carefully aligned to national standards as set forth by the American Council on the Teaching of Foreign Languages (ACTFL).

Students are encouraged to take this course, as it could have a huge impact on their future. "Tomorrow's leaders must be able to compete, work and thrive in a globalized world with diverse, multilingual consumers and economies in which China and the U.S. will continue to be major players" (U.S. News – October 25, 2016).

## **Mandarin II Honors**

*Prerequisite: Mandarin I*

*Grades: 9–12*

*Length: Two semesters*

*Credit: 1*

Mandarin II Honors is a continuation of the study of the Chinese language and Chinese-speaking cultures, with emphasis on developing oral proficiency. Students will also be able to ask and respond to common daily-life topics, learn Bible verses relevant to thematic units, and develop their own prayers in Chinese. This course has been carefully aligned to national standards as set forth by the American Council on the Teaching of Foreign Languages (ACTFL). See pages 4-6 for more information about Honors and AP requirements.

## **Mandarin III Honors**

*Prerequisite: Mandarin II*

*Grades: 10–12*

*Length: Two semesters*

*Credit: 1*

This course continues to focus on the study of the Chinese language and Chinese-speaking cultures. The themes will be focused on daily-life topics, as students are expected to develop their listening and speaking proficiency. Cultural connections and biblical truths are interwoven throughout the course. More advanced grammar concepts will be emphasized as students develop a higher path to proficiency. This class will be conducted primarily in Chinese. This course has been carefully aligned to national standards as set forth by the American Council on the Teaching of Foreign Languages (ACTFL). See pages 4-6 for more information about Honors and AP requirements.

## Spanish I

*Prerequisite: None*

*Grades: 8–12*

*Length: Two semesters*

*Credit: 1*

Spanish I is a fun, interactive course designed to introduce students to the Spanish language and culture. Emphasis will be on the acquisition of four skills: listening, speaking, reading, and basic writing. The primary goal is to give students the ability to carry on a simple conversation in Spanish, including asking and answering questions. Students will also learn how to say a prayer and verse in Spanish, share basic information about famous Latino people and traditions, and read and discuss simple readings in Spanish. The course has been carefully aligned to national standards as set forth by the American Council on the Teaching of Foreign Languages (ACTFL).

## Spanish II

*Prerequisite: Spanish I*

*Grades: 9–12*

*Length: Two semesters*

*Credit: 1*

Spanish II is a continuation of the study of the Spanish language and culture. Emphasis will be on the acquisition of four skills: listening, speaking, reading, and basic writing. The primary goal is to expand students' ability to carry on a conversation in Spanish, including asking and answering questions. Students will also learn how to expand a prayer in Spanish, explain Spanish Bible verses, share information about famous Latino people and traditions, and read and discuss simple novels in Spanish. There will be grammatical aspects of the language covered. The course has been carefully aligned to national standards as set forth by the American Council on the Teaching of Foreign Languages (ACTFL).

## Spanish II Honors

*Prerequisite: Spanish I*

*Grades: 9–12*

*Length: Two semesters*

*Credit: 1*

Spanish II Honors continues the study of Spanish language and culture. Through the study of relevant, real-world, theme-based units, the aim of this class is to continue the refinement of four elements of language study: listening, speaking, reading, and writing. In this course, students will expand their conversational vocabulary. They will listen to and study traditional and pop Latino music, watch commercials, and read short novels in Spanish. Students will also learn to write and recite their own prayers in Spanish. More advanced grammar concepts will be emphasized in each unit of study. This class will be conducted primarily in Spanish, and students are expected to increase in their oral and written proficiency at a faster pace than the regular Spanish II class. The course has been carefully aligned to national standards as set forth by the American Council on the Teaching of Foreign Languages (ACTFL). See pages 4-6 for more information about Honors and AP requirements.

## Spanish III

*Prerequisite: Spanish II*

*Grades: 10–12*

*Length: Two semesters*

*Credit: 1*

Spanish III includes the review and expansion of significant vocabulary and grammatical structures. Students will listen to and study traditional and pop Latino music, watch commercials, and read two intermediate level novels in Spanish. More advanced grammar concepts will be emphasized in each unit of study. This class will be conducted primarily in Spanish, and students are expected to increase in their oral and written proficiency because of the rigor of this upper level class. The course has been carefully aligned to national standards as set forth by the American Council on the Teaching of Foreign Languages (ACTFL).

## Spanish III Honors

*Prerequisite: Spanish II*

*Grades: 10–12*

*Length: Two semesters*

*Credit: 1*

Spanish III Honors builds on skills acquired in Spanish II Honors. Students will develop more advanced skills in speaking, listening, reading, and writing, with an emphasis on the ability to communicate in the past, present, and future tenses. The content of this course will be accelerated and expanded to include more vocabulary and grammar than regular Spanish III. Students will study the culture, history, geography, and literature of Spanish-speaking countries. The class will be conducted in Spanish, and students are expected to respond in Spanish. The course has been carefully aligned to national standards as set forth by the American Council on the Teaching of Foreign Languages (ACTFL). See pages 4-6 for more information about Honors and AP requirements.

## Spanish IV Honors

*Prerequisite: Spanish III Honors*

*Grades: 11–12*

*Length: Two semesters*

*Credit: 1*

The majority of this course is taught in Spanish, as students explore the cultures of Spanish-speaking people in a way that connects meaningfully to their lives. Units focus on health issues, food and culture, mission field work, novels, and Spanish film. The focus is on interpersonal and listening skills for communication, although students will continue to develop writing and reading skills as well. Students wishing to take the Spanish AP Exam at the end of the course will be provided with AP resources to study independently. The course has been carefully aligned to national standards as set forth by the American Council on the Teaching of Foreign Languages (ACTFL). See pages 4-6 for more information about Honors and AP requirements.



**AP Spanish Language and Culture**

*Prerequisites: Spanish IV Honors*

*Grades: 11–12*

*Length: Two semesters*

*Credit: 1*

The AP Spanish course requires a higher degree of proficiency in speaking, writing, reading, and listening. Students will receive proper preparation to take the College Board Exam in May. Grammar is reviewed through reading and discussing literary works. Students will develop language skills and insight that applies to various real-world scenarios and disciplines. Students taking this course are required to take the AP Spanish Language and Culture Exam. See pages 4-6 for more information about AP requirements, as well as registration and payment.

**Additional World Language Dual Credit Options**

All online Dual Credit courses are one semester courses. In addition to earning .5 credit toward fulfilling Liberty graduation requirements, students will be eligible to earn college credit hours upon completion of enrollment at the applicable college or university, successful completion of course requirements, and payment of college tuition and fees.

See your Academic Advisor and the [Liberty and TCC Crosswalk](#) for more information.

# Middle School Course Catalog

## Course Descriptions for Grades 6-8

### **New and Updated Middle School Offerings**

The following courses have been added or updated to the Middle School Catalog for 2025–2026:



Cheer - See Page 78



Dance I - See Page 73



Dance II - See Page 74



Dance III - See Page 74



Warrior Nation News - See Page 69

## **Bible**

God is Truth. The Bible is God's revelation of Himself and His plan for redemption. The Liberty Christian Bible Program exists to invite students into a personal, saving relationship with Jesus Christ through active and reflective engagement with God's Word. As disciple-makers, we aim to train and equip students to know God, be known by God, make God known, and formulate a biblical worldview that engages life and culture through representing Jesus Christ.

### **God's Grand Design**

*Prerequisite: None*

*Grade: 6*

Through stories of the creation and the fall, students will come to understand why Christ came – to redeem and restore them to their Heavenly Father. Students will travel from Genesis to Revelation, gaining personal insight about their Savior redeeming them for all eternity.

### **The Life and Triumph of Christ**

*Prerequisite: None*

*Grade: 7*

This course reveals the Bible as the true story of what God is doing to glorify Himself by redeeming His fallen creation. Students will explore the Gospels, Acts, Epistles, and Revelation. The Gospels present the life of Christ as the fulfillment of God's redemptive plan as promised in the Old Testament. The book of Acts covers Christ's role in the redemptive storyline of the development of His church. The Epistles show students the truths that ground believers and allow them to live out the Great Commission until Christ returns. Finally, the students will see the climactic fulfillment of His triumph over all things in Revelation. Designed to depart from the traditional lecture method, this course uses multiple teaching and learning strategies to engage students in the Bible and invite them into a relationship with the Lord Jesus Christ.

### **Biblical Worldview Basics**

*Prerequisite: None*

*Grade: 8*

Students will analyze the basic components of a worldview and using the teachings of Scripture, will examine how they think about the world through a biblical lens. Students will be invited to apply biblical thinking to their developing understanding of values, identity, life purpose, godly relationships, society, other worldviews, and situations in their own lives.

## Career and Technology (CTE)

Career and Technology Education (CTE) empowers students to manage the challenges of living and working in a diverse, global society. CTE courses are designed to provide students with the opportunity to use their unique God-given talents, make informed occupational choices, determine educational needs and options, develop employability traits, and acquire marketable skills. Every CTE student is given the opportunity to serve others, gain experience and confidence, and bring glory to our Lord and Savior.

### Introduction to Broadcast Journalism

*Prerequisite: None*

*Grades: 7-8*

This course is designed for the study and practice of the basic elements of broadcast journalism. The course will emphasize newsgathering, writing, interviewing skills and video recording. Students will learn how to identify newsworthy stories and gather information using multiple credible sources. They will develop confident interviewing skills, including how to ask relevant questions. Students will work in teams to create stories which could be used for Warrior Nation News newscasts and social media accounts. Students will also learn how to operate all of the professional equipment in our Warrior Nation News TV studio. This entry-level course assumes no previous film or broadcast background.

### Advanced Broadcast Journalism

*Prerequisite: Introduction to Broadcast Journalism*

*Grades: 7-8*

Students in this course will build upon concepts and skills learned in Introduction to Broadcast Journalism the previous year. Students will continue to develop their skills in news producing, writing scripts, editing videos, operating cameras, production equipment and more. Students will have the opportunity to cycle through newsroom roles, such as anchor, reporter, producer, camera operator, switchboard operator, audio technician, and editor. Students will produce content to be used in our monthly Warrior Nation News newscast which will be broadcast on YouTube and in Middle School classes. Students in this class will also provide content for our Warrior Nation News Team social media accounts.

## STEM 6

*Prerequisite: None*

*Grade: 6*

**Design and Modeling:** Students will discover the design process and develop an understanding of the influence of creativity and innovation in their lives. They will then be challenged and empowered to use and apply what they have learned throughout the unit to design a therapeutic toy for a child who has cerebral palsy.

**Automation and Robotics:** Students will learn about the history and impact of automation and robotics as they explore mechanical systems, energy transfer, machine automation, and computer control systems. Using the VEX Robotics® platform, students will apply what they know to design and program traffic lights, robotic arms, and more.

**STEM 7**

*Prerequisite: None*

*Grade: 7*

**Flight and Space:** The exciting world of aerospace comes alive through the Flight and Space unit. Students will become engineers as they design, prototype, and test modulus to learn about the science of flight and what it takes to travel and live in space. They solve real-world aviation and space challenges and plan a mission to Mars.

**Energy and the Environment:** Students will be challenged to think big and toward the future as they explore sustainable solutions to the world's energy needs and investigate the impact of energy on daily life. They will use what they have learned to design and model alternative energy sources, as well as evaluate options for reducing energy consumption.

**STEM 8**

*Prerequisite: None*

*Grade: 8*

**Medical Detectives:** Students will play the role of real-life medical detectives as they collect and analyze medical data to diagnose disease. They will solve medical mysteries through hands-on projects and labs, measure and interpret vital signs, examine nervous system structure and function, investigate disease outbreaks, and explore how a breakdown within the human body can lead to dysfunction.

**Green Architecture:** In this unit, students will learn how to apply green concepts to the fields of architecture and construction. They will explore dimensioning, measuring, and architectural sustainability, and apply what they have learned to design affordable housing units using Autodesk's® 3D architectural design software.

**Warrior Nation News Team**

*Prerequisite: Introduction to Broadcast Journalism, Audition, and Instructor Approval*

*Grade: 7-8*

Students on the Warrior Nation News Team will produce a monthly newscast to be shared on YouTube and in Middle School. Students in this fast-paced class should be at an advanced level with all the broadcasting skills taught in Introduction to Broadcast Journalism. Students will continue to develop their skills in news producing, writing scripts, editing videos, operating cameras and production equipment and more. Students will have the opportunity to cycle through newsroom roles, such as anchor, reporter, producer, camera operator, switchboard operator, audio technician, and editor.

## English

The English Department utilizes a Christian-based curriculum to instill in students a love and appreciation for quality literature, while increasing their love for and knowledge of the Lord. Various aspects of literature, including solid grammatical instruction and an emphasis on vocabulary, all unite to form the components of this discipline. The program promotes effective and creative communication, while developing critical and abstract thinking skills. Students examine the values and beliefs in literature that provide opportunities to analyze and evaluate moral ethics, incorporating godly principles as lofty goals to embrace in life. The primary goal of the English Department is to equip students with sophisticated language skills, enabling them to be successful on any university campus and be effective, confident, and well-read Christian citizens.

### English 6

*Prerequisite: None*

*Grade: 6*

This course is designed to challenge students to comprehend, analyze, appreciate, and enjoy a variety of texts, as well as develop critical thinking skills through creative expression. In an interactive writing workshop, students will learn the following types of writing: narrative, informative, and argument. Heavy emphasis will be placed on developing students' critical thinking skills and communicating their findings. Students will be introduced to various forms of literature and writing genres. Summer reading is required.

### English 6 Honors

*Prerequisite: Teacher Recommendation and MAP score*

*Grade: 6*

This course is designed to challenge students to comprehend, analyze, appreciate, and enjoy a variety of texts, as well as develop critical thinking skills through creative written expression. In an interactive writing workshop, students will learn the following types of writing: narrative, informative, and argument. Heavy emphasis will be placed on developing students' critical thinking skills and communicating their findings. Students will be introduced to various forms of literature and writing genres. The English Honors course focuses on more complex text choices and an in-depth study of those works. Students will also learn more about literary analysis and rhetorical analysis. Summer reading is required. See page 6 for more information about Honors and AP requirements.

### English 7

*Prerequisite: English 6*

*Grade: 7*

Through a reading and writing workshop, this course focuses on students' development of deeper thinking skills. Students are challenged to analyze, evaluate, and create, all the while interacting with various genres of literature and writing. Critical thinking, perceptive reading, honest discussion, oral presentations, and powerful writing are the foundations of this course, based on the taxonomy of Socratic reasoning. Summer reading is required.

## English 7 Honors

*Prerequisite: English 6, Teacher Recommendation and MAP score*

*Grade: 7*

Through a reading and writing workshop, this course focuses on students' development of deeper thinking skills. Students are challenged to analyze, evaluate, and create, all the while interacting with various genres of literature and writing. Critical thinking, perceptive reading, honest discussion, oral presentations, and powerful writing are the foundations of this course, based on the taxonomy of Socratic reasoning. The English Honors course focuses on more complex text choices. Summer reading is required. See page 6 for more information about Honors and AP requirements.

## English 8

*Prerequisite: English 7*

*Grade: 8*

8th Grade English is a comprehensive and dynamic course designed to foster students' proficiency in reading, writing, listening and speaking. This course will empower students to become confident communicators and critical thinkers, preparing them for success in high school and beyond. Summer reading is required.

## English 8 Honors

*Prerequisite: English 7, Teacher Recommendation and MAP score*

*Grade: 8*

8th Grade Honors English is a pivotal course that equips students with essential skills for success in high school and beyond. It aims to foster a lifelong love of reading, an appreciation for effective communication, and a deep understanding of the written and spoken word. This course will empower students to engage thoughtfully with the world and express themselves with confidence and clarity. Summer reading is required. See page 6 for more information about Honors and AP requirements.

## **Fine Arts**

The goal of the Fine Arts Department is to encourage the creativity, talents, ideas, skills, and imagination of each student who is interested in the visual and performing arts. Each teacher guides students to explore their God-given talents in positive ways through self-expression and creativity. The Fine Arts Department strives to live out the words of Ephesians 2:10, "For we are God's handiwork, created in Christ Jesus to do good works, which God prepared in advance for us to do."

### **Art for Middle School**

*Prerequisite: None*

*Grades: 6-7*

This course is an introduction to mixed media. Basic drawing skills are emphasized as students begin to "see" and interpret two-dimensional forms. Beginning painting skills are also introduced, including acrylic and watercolor. Students will execute projects in the classroom using a variety of media, such as watercolor pencil, scratch art, colored pencil, oil pastel, and clay. This class may also be modified to challenge students to reach their desired level of expertise.

### **Portfolio MS Art**

*Prerequisite: 6th grade Art & Instructor Approval*

*Grade: 7*

Through the basic foundations of art, I hope to develop the creative thought process. An effective artistic background actually enhances the students ability to think. Students will cover the Elements and Principles of Design. Units of instruction will cover art history, various art techniques, artists, art criticism and connections to all of their academic classes. The basic fundamentals of visual art will be taught utilizing projects in both 2-D and 3-D design. Students will also learn about various art movements and artists. In art we are not looking for one correct answer, we are looking for all the possibilities. This ability to think along a variety of paths will undoubtedly be utilized later in life in many ways no matter what field the individual chooses. There is a satisfaction that accompanies visual self-expression and it must be experienced to be fully realized.

### **Art I**

*Prerequisite: None*

*Grade: 8*

*Credit: 1 (Fine Arts credit for upper school included on the student's transcript)*

Art I is a prerequisite for all upper school Art courses. This course emphasizes basic elements of art (line, shape/form, value, space, and color) within the disciplines of drawing, painting, printmaking, pottery, and sculpture. A wide variety of media is explored including graphite, pastels, colored pencils, watercolor, acrylic, paper mache, clay, and mixed media. This course is designed to enhance students' creative and technical abilities in art. Daily assignments and longer projects are assigned to enhance students' proficiency of self-expression. Students will be introduced to art history through projects and presentations.



## Portfolio Art I

*Prerequisite: Portfolio Review with Teacher Approval*

*Grade: 8*

*Credit: 1 (Fine Arts credit for upper school included on the student's transcript)*

Students will submit a portfolio of 4-6 artworks/sketchbook ideas for teacher approval. If the effort is shown, they may take a more rigorous approach to Art I. Advanced Art I will cover drawing, painting, printmaking, sculptural, and pottery skills. Students will be required to compete in various art competitions.

## Band

*Prerequisite: None*

*Grades: 6-8*

The fundamentals necessary to perform well on a musical instrument are emphasized, such as tone production, technique, tonguing styles, balance of the ensemble, dynamics, starting and releasing together, counting rhythms, and developing steady time. As these fundamentals are developed, concentration is given to performing more music in different styles with varied time signatures. Students work to develop more range on their instruments and play at faster tempos. The goal of this program is to provide each student with a Christ-centered music education based upon sound music theory and study. Students work individually, in small ensembles, and as a large group to prepare for performances and area competitions.

## Concert Choir

*Prerequisite: Interview and Vocal Warm Up*

*Grades: 6-8 (Boys and Girls)*

Students will explore a broad range of music from classical to pop. This course is an introduction to vocal music and production, sight-singing, and music theory. This choir will compete at a show choir competition in the spring. There will be a fall concert, a Christmas concert, a spring showcase, and the potential to sing at other venues, such as the National Anthem at sporting events. The only prerequisite is an interview and a vocal warm up with the instructor.



## Dance I

*Prerequisite: Auditions for placement, no experience needed*

*Grade: 6-8*

This dance course welcomes all students and offers an engaging introduction to the art of movement and performance. With a focus on body awareness, spatial understanding, alignment, musicality, motor skills, and conditioning, students will explore a variety of dance styles, including ballet, jazz, hip-hop, tap, contemporary, and musical theatre. Through hands-on instruction and practice, participants will develop technical skills, learn choreography, and enhance their ability to memorize and execute performances. The course culminates in exciting showcases for the fall and spring, where students will demonstrate their growth and creativity on stage.



## Dance II

*Prerequisite: Auditions for placement, Dance I or a minimum of 2 years outside studio dance classes*

*Grade: 6-8*

This course builds on the foundation of Dance I, offering students an exciting journey into advanced movement, performance, and the rich history of dance. Students will refine their skills in various styles, including ballet, jazz, hip-hop, tap, contemporary, and musical theatre, while expanding their understanding of dance origins and cultural significance. With a focus on progressing from foundational techniques to more complex movements, this class provides both a creative and physical outlet, fostering learning through embodied expression. Students will develop their technical precision, master choreography, and prepare to showcase their talents in fall and spring performances.



## Dance III

*Prerequisite: Audition for placement, minimum of 2 years outside studio dance classes and audition*

*Grade: 6-8*

This advanced dance course is designed for students with prior technical training, offering a challenging and inspiring environment to further develop their skills and artistry. Participants should possess a solid foundation in intermediate to advanced technical abilities and physical proficiency. The curriculum emphasizes refining technique, mastering advanced choreography, and building physical endurance. Students will explore and express their creativity through choreography, technical precision, and performance. Highlights of the course include dynamic showcases in the fall and spring, as well as participation in a spring competition, providing opportunities to shine on stage and grow as a dancer.

## Showstoppers

*Prerequisite: Audition required*

*Grades: 6-8*

Showstoppers is made up of actors and singers who desire to develop their skills vocally and theatrically. Acceptance into the class is based on an audition with teachers. This class is designed to teach, perform, and observe higher levels of singing, theatre, and musical art. Fundamentals in singing and musical theatre acting will be reviewed and expounded. The goal of this class is to acclimate students to a mixed age cast/choir and encourage them to take on leadership responsibilities that will prepare them for upper school choir, theatre, and more. Because Showstoppers is a performance course, students will display their skills, talents, and gifts in a fall concert and a Broadway musical in the spring.

## **Spotlight**

*Prerequisite: Audition required*

*Grades: 6-8*

This theatre course is for students in grades 6-8 who have discovered their passion for theatre and desire to hone their skills in preparation for Encore and Bravo at the upper school level. Members of the class are required to perform in an annual fall/winter play and compete in area contests, including the Private School Interscholastic Association (PSIA) One Act Play competition. Class time is spent rehearsing for performances and studying various acting styles and theatre techniques. Mandatory outside rehearsals the weeks before a performance will be required.

## **Technical Theatre**

*Prerequisites: None*

*Grades: 6-8*

Theatre Tech is a theater training course which will explore the backstage world of theatre. Students will investigate several areas of production and design from both a practical and a theoretical base. Students will be given the opportunity to explore the following areas: theatre and shop safety, scenic design and painting, set construction, lighting design and operation, sound design and operation, theatre history. Students will also receive training from working individuals in the technical industry. Our theatre tech team will be a part of our Fall Show, One Act Play, and the All School Musical.

## Mathematics

Mathematics is the language with which God spoke the universe into existence and serves as an important tool to describe God's creation and manage the resources therein. The Liberty Mathematics Department strives to promote mathematical literacy and equip students with the mathematical skills needed to succeed at the university level, meet the challenge of tomorrow's technology, compete in the workforce, and further establish the Kingdom of God by means of service and example in the community. *Note: Four years of math in high school are required for graduation; Liberty students must be enrolled and receive credit for a different and progressive math class every year at LCS.*

### 6th Grade Mathematics

*Prerequisite: None*

*Grade: 6*

In this course, students will learn traditional mathematics, including computation and estimation of whole numbers, fractions, decimals, and percent, as well as the practical application of these skills. Geometric concepts and formulas are also taught, as are algebraic equations and an introduction to integers. This class lays a solid foundation for students entering into 7<sup>th</sup> Grade Mathematics, which is the next course in the sequence.

### 6th Grade Mathematics Honors

*Prerequisite: Teacher Recommendation, MAP score, Class Average*

*Grade: 6*

In this course, students learn traditional mathematics. This course is designed for students who excel in, and have a passion for, the study of mathematics. Skills covered in this course are the computation and estimation of whole numbers, fractions, decimals, and percent, as well as the practical application of these skills. Geometric concepts and formulas are also taught, as are algebraic equations and an introduction to integers. This class lays a solid foundation for students entering the 7<sup>th</sup> Grade Mathematics Honors course. When compared to the on-level 6<sup>th</sup> grade mathematics course, the Honors course moves at a faster pace, to include selected 7<sup>th</sup> grade concepts, and is more application-based. The next course in the sequence is 7<sup>th</sup> grade Mathematics Honors. See page 6 for more information about Honors and AP requirements.

### 7th Grade Mathematics

*Prerequisite: 6th Grade Mathematics*

*Grade: 7*

In this course, students review the foundational skills learned in 6<sup>th</sup> grade mathematics. This course develops foundational algebraic skills, including using variables, algebraic expressions, equations (using decimals, integers, and rational numbers), and geometry. The next course in sequence is 8<sup>th</sup> Grade Mathematics.

## 7th Grade Mathematics Honors

*Prerequisite: 6th Grade Mathematics Honors, Teacher Recommendation, MAP score, Class Average (Credit by Examination (CBE) for students moving from 5th grade Accelerated Math directly to 7th Grade Mathematics Honors)*

*Grades: 7*

The Honors course is designed for students who excel in, and have a passion for, the study of mathematics. This course develops foundational algebraic skills, including using variables, algebraic expressions, equations (using decimals, integers, and rational numbers), and geometry. Students will develop these algebraic skills while applying critical thinking and problem-solving skills. When compared to the on-level 7th grade mathematics course, the Honors course moves at a faster pace, to include 8th grade concepts, and is more application-based. The next course in sequence is Algebra I.

## 8th Grade Mathematics

*Prerequisite: 7th Grade Mathematics*

*Grade: 8*

In this course, students will work through 8th-grade mathematics concepts and skills. Their study of mathematics will include a focus on numbers and operations, algebra, geometry, data analysis, and personal finance skills. As students work on the practical application of these skills, they will also improve in problem-solving and critical thinking while reinforcing their understanding of mathematical vocabulary. This class provides students with an opportunity to solidify their conceptual foundation prior to Algebra I.

## Algebra I

*Prerequisite: 7th Grade Mathematics or 7th Grade Mathematics Honors, Teacher Recommendation and MAP score*

*Grade: 8*

*Credit: 1 (Math credit for upper school is included on the student's transcript and in GPA calculations. Note: Four years of math in high school are required for graduation; Liberty students must be enrolled and receive credit for a different math class every year at LCS.)*

This course is the first of a two-year study of algebra. Algebra I emphasizes rules, symbols, and laws of arithmetic within the algebraic structure. Students will develop a deep understanding of how to solve, graph, and find patterns of linear and quadratic functions. Students will obtain analytical and critical thinking skills that will be the basis for future math classes.

## Physical Education

Enhancing the education of students through physical activity is an important step to attaining positive health and mental fitness. Striving for excellence and creating strenuous exercises help prepare students for the challenges and obstacles ahead and give them the confidence to meet adversity with success. 1 Timothy 4:9 says, "For physical training is of some value, but godliness has value for all things, holding promise for both the present life and the life to come."

### Athletics

*Prerequisite: None*

*Grades: 6-8*

Students who enroll in athletics are doing so with the intent of competing for a roster spot on one of the middle school athletic teams. Sports available for boys include football, basketball, track and field, wrestling, swimming, soccer, tennis, and cross country. Sports available for girls include volleyball, swimming, soccer, tennis, basketball, track and field, and cross country. Students enrolled in athletics are required to stay in athletics all year. If a 6<sup>th</sup> grade team does not make, students may explore options in Liberty Youth Athletics (LYA).



### Cheer

*Prerequisite: None*

*Grade: 6-8*

The Middle School Cheer program is designed for students who are eager to learn the fundamentals of cheerleading while also fostering school spirit and support for the middle school community. Cheerleaders will focus on developing skills in jumps, stunts and tumbling. Team members will cheer at select middle school football and basketball games. In addition to cheering at games, the team could possibly participate in one or two local cheer competitions. Cheer tryouts are held each year in the spring.



### Dance I

*Prerequisite: Auditions for placement, no experience needed*

*Grade: 6-8*

This dance course welcomes all students and offers an engaging introduction to the art of movement and performance. With a focus on body awareness, spatial understanding, alignment, musicality, motor skills, and conditioning, students will explore a variety of dance styles, including ballet, jazz, hip-hop, tap, contemporary, and musical theatre. Through hands-on instruction and practice, participants will develop technical skills, learn choreography, and enhance their ability to memorize and execute performances. The course culminates in exciting showcases for the fall and spring, where students will demonstrate their growth and creativity on stage.



## Dance II

*Prerequisite: Auditions for placement, Dance I or a minimum of 2 years outside studio dance classes*

*Grade: 6-8*

This course builds on the foundation of Dance I, offering students an exciting journey into advanced movement, performance, and the rich history of dance. Students will refine their skills in various styles, including ballet, jazz, hip-hop, tap, contemporary, and musical theatre, while expanding their understanding of dance origins and cultural significance. With a focus on progressing from foundational techniques to more complex movements, this class provides both a creative and physical outlet, fostering learning through embodied expression. Students will develop their technical precision, master choreography, and prepare to showcase their talents in fall and spring performances.



## Dance III

*Prerequisite: Audition for placement, minimum of 2 years outside studio dance classes and audition*

*Grade: 6-8*

This advanced dance course is designed for students with prior technical training, offering a challenging and inspiring environment to further develop their skills and artistry. Participants should possess a solid foundation in intermediate to advanced technical abilities and physical proficiency. The curriculum emphasizes refining technique, mastering advanced choreography, and building physical endurance. Students will explore and express their creativity through choreography, technical precision, and performance. Highlights of the course include dynamic showcases in the fall and spring, as well as participation in a spring competition, providing opportunities to shine on stage and grow as a dancer.

## Science

The mission of the Science Department is to educate and challenge students to think creatively, logically, and analytically and to stimulate interest in the sciences that provide a solid foundation for the next level of education. Students examine God's creation and learn from teachers who provide a safe environment, offer hands-on experiences, and emphasize a working understanding between science and theology that leads toward practical growth in the students' relationship with God.

## Science

*Prerequisite: None*

*Grade: 6*

Science for 6<sup>th</sup> grade is a hands-on applied physical science course that includes lecture and lab. The course encourages both critical and analytical thinking. Labs will be more student-led, with pre-labs and post-labs required. Physical science is a study of inanimate natural objects including astronomy, chemistry, physics, and earth science, with an emphasis on using the scientific method. Students will acquire an understanding of the earth's formation and the constructive and deconstructive forces that act upon it, like volcanoes, while realizing that all things were put in motion as stated in Genesis 1:1.

## Science Honors

*Prerequisite: Teacher Recommendation and MAP score*

*Grade: 6*

Science Honors for 6<sup>th</sup> grade is a rigorous hands-on applied physical science course that encourages critical and analytical thinking. Throughout the year, students will collect and analyze data through structured labs and by using and creating models. Honors labs will be more student-led, with pre-labs and post-labs required. Physical science is a study of inanimate natural objects including astronomy, chemistry, physics, and earth science, with an emphasis on using the scientific method. Students will acquire an understanding of the earth's formation and the constructive and deconstructive forces that act upon it, like volcanoes, while realizing that all things were put in motion as stated in Genesis 1:1. Participation in the Liberty Science Fair is mandatory, including all fairs to which the student may advance. See page 6 for more information about Honors and AP requirements.

## Life Science

*Prerequisite: None*

*Grade: 7*

Life Science covers the observations, predictions, and conclusions about the living world God created.

The content of this course will include topics such as cytology (the study of cells) and genetics, creation, evolution, biology, plant and animal life, and taxonomy, with an emphasis on the scientific method. These topics will be studied through a variety of methods including labs, hands-on problem-solving activities, technology, and class discussion. The primary objectives of Life Science are for students to gain a deeper understanding of God's character and power through all He has created. A focus will be placed on increasing students' confidence in independent learning while making practical decisions in their everyday lives. Participation in the Liberty Science Fair is encouraged but optional.



## Life Science Honors

*Prerequisite: Teacher Recommendation and MAP score*

*Grade: 7*

Life Science Honors covers the observations, predictions, and conclusions about the living things God created at an accelerated rate. The content of this course includes topics such as cytology (the study of cells) and genetics, creation, evolution, biology, plant and animal life, and taxonomy. There will be an emphasis on the scientific method by making a claim based on scientific research, experimentation, and reasoning based on scientific principles. These topics will be studied through a variety of methods including labs, hands-on problem-solving activities, technology, and class discussion. The primary objectives of Life Science are for students to gain a deeper understanding of God's character and power through all He has created, and further develop reasoning, critical thinking, and independent learning skills, while making practical decisions in their everyday lives. Participation in the Liberty Science Fair is mandatory, including all fairs to which the student may advance. See page 6 for more information about Honors and AP requirements.

## Science of Physical Creation

*Prerequisite: None*

*Grade: 8*

This course investigates God's physical design of the world through inquiry-based learning in a lab setting. Interaction in physical science is based on the principle that all students can reason like a scientist by thinking and developing ideas through the collection of evidence. The basis of this course involves observing, thinking, discussing, investigating, and practicing. The content focuses on the method of claim, evidence, and reason; the conservation of matter and chemistry, and the interactions of energy and forces that are present in our everyday life. In guided inquiry activities (lab), students perform experiments and construct many physical science concepts based on evidence they collect during experimentation. The students will be required to keep an up to date lab notebook, which will be their primary study guide for all assessments. Participation in the Liberty Science Fair is encouraged but optional.

## Science of Physical Creation Honors

*Prerequisite: Teacher Recommendation and MAP score*

*Grade: 8*

This course moves at an accelerated pace and involves more discussion, peer reviews, and presentations. There will be more critical and analytical thinking involved with questioning and reflecting on key ideas. This course investigates God's physical design of the world through inquiry-based learning in a lab setting. Interaction in physical science is based on the principle that all students can reason like a scientist by thinking and developing ideas through the collection of evidence. The basis of this course involves observing, thinking, discussing, investigating, and practicing. The content focuses on the method of claim, evidence, and reasoning; the conservation of matter and chemistry; and the interactions of energy and forces that are present in everyday life. In guided inquiry lab activities, students perform experiments and construct many physical science concepts based on evidence they collect during experimentation. Students will be required to keep an up-to-date lab notebook that will be their primary study guide for all assessments. Participation in the Liberty Science Fair is mandatory, including all fairs to which the student may advance. See page 6 for more information about Honors and AP requirements.

## **Social Studies**

The Social Studies Department is dedicated to helping students become well-informed, intelligent citizens who see a culturally diverse world through the lens of Christianity. Courses offered are designed to help students develop reasoning and critical thinking skills, to understand God's plan as it is revealed in history, and to respect the United States and the value of democracy. Coursework in middle school is built in three stages: an introduction to ancient civilizations, exploring contemporary world history, and studying the foundation of the history of the United States. More advanced coursework is offered for students who wish to further their studies in this field in preparation for college and beyond.

### **Ancient Civilizations, Languages, and Cultures**

*Prerequisite: None*

*Grade: 6*

This class is an introduction to ancient civilizations and their cultures, histories, and languages. One objective of this course is to provide a solid foundation for the understanding of Western Civilization and the origins of Christianity. A key objective in this course is the study of Greek and Latin languages, which provide the roots of more than 80 percent of the words used in literate English. The course begins with the origin of the world and its cultures as they developed from the time of Creation, with a focus on civilizations such as Mesopotamia, Egypt, Greece and Rome. The course ends with the spread of Christianity.

### **Ancient Civilizations, Languages, and Cultures Honors**

*Prerequisite: Teacher Recommendation and MAP score*

*Grade: 6*

This class is an accelerated survey of ancient civilizations and their cultures, histories, and languages. One objective of this course is to provide a solid foundation for the understanding of Western Civilization and the origins of Christianity. Throughout the entire year, an emphasis will be placed on the Greek and Latin languages, which provide the roots of more than 80 percent of the words used in literate English. The course begins with the origin of the world and its cultures as they developed from the time of Creation through the modern age. This course requires additional reading, writing, analysis, translation, and study beyond a basic understanding. See page 6 for more information about Honors and AP requirements.

### **Contemporary World History, Geography, and Cultures**

*Prerequisite: None*

*Grade: 7*

This class is a survey of the people, places, and societies of the contemporary world. Students will learn to interpret maps while exploring cultures and histories of the countries of the world. Students will compare institutions common to all societies such as government, education, and religion. Students will investigate and understand how belief in God and the Bible are fundamental to loving people and impacting the world for Christ through listening to missionaries and citizens to many of the regions we study to share their testimonies. Class time will include mini-lessons, Socratic seminars, group collaboration and discussions, countryland religion based witness dialogue video excerpts, unit based court cases, projects, and hands-on activities.

## **Contemporary World History, Geography, and Cultures Honors**

*Prerequisite: Teacher Recommendation and MAP score*

*Grade: 7*

This class is an accelerated survey of the people, places, and societies of the contemporary world. Students will learn to interpret maps while exploring cultures and histories of the countries of the world. Students will compare institutions common to all societies such as government, education, and religion. Students will investigate and understand how belief in God and the Bible are fundamental to loving people and impacting the world for Christ through listening to missionaries and citizens to many of the regions we study to share their testimonies.. An emphasis will be placed on critical thinking, analysis, and problem solving as it relates to world events and cultures. Class time will include mini-lessons, Socratic seminars, group collaboration and discussions, countryland religion based witness dialogue video excerpts, unit based court cases, projects, and hands-on activities. See page 6 for more information about Honors and AP requirements.

## **United States History**

*Prerequisite: None*

*Grade: 8*

This course is a comprehensive study of the foundation of America and the struggle to build the nation. The class begins with a focus on the motivations of the Age of Exploration and ends with the Civil War. Students will develop an appreciation for the first Americans and the price they paid to establish the United States today. Influential characters who played important roles in the pivotal events that shaped American history will be examined. The text highlights the Christian background of America's forefathers who were responsible for shaping the democratic government that still exists today. The course will include a brief study of European and North American geography.

## **United States History Honors**

*Prerequisite: Teacher Recommendation and MAP score*

*Grade: 8*

This course is designed to give students an understanding of the establishment of the United States. Students will develop an appreciation of America's history as they study the cultural, economic, political, social, and religious development of the United States from its beginning through the Civil War. This course is accelerated and requires supplemental reading along with a large, in-depth project through the National History Day foundation. This course prepares students for AP classes and other academically challenging courses in upper school. See page 6 for more information about Honors and AP requirements.

## World Languages

The vision and mission of Liberty Christian School's World Languages program is to empower students to develop an appreciation for God's people around the world and the ability to share His love in another language. The program provides students the opportunity to develop the highest level of proficiency through a sequential, spiraling World Languages curriculum based on the American Council on the Teaching of Foreign Language (ACTFL) proficiency standards.

### American Sign Language I

*Prerequisite: None*

*Grades: 8-12*

*Length: Two semesters*

*Credit: 1 (World Language credit for upper school included on the student's transcript and in GPA calculations)*

*Note: Many colleges accept ASL to fulfill the foreign language requirement. Others accept ASL only within certain colleges, divisions or departments. Others may accept ASL only for certain majors.*

Are you interested in communicating with the deaf and hearing impaired community? American Sign Language (ASL) I is a beginning course designed to introduce students to the basics of ASL. Students will learn the structure of ASL, fingerspelling, signing Christian songs, and communicating about daily-life topics. Cultural connections and biblical understanding of God's heart and the roles that God calls His people will also be interwoven within each unit. The course has been carefully aligned to national standards as set forth by the American Council on the Teaching of Foreign Languages (ACTFL).

### German I

*Prerequisite: None*

*Grades: 8-12*

*Length: Two semesters*

*Credit: 1 (World Language credit for upper school included on the student's transcript and in GPA calculations)*

German I is a fun, interactive course designed to introduce students to the German language and culture. Emphasis will be on the acquisition of four skills: listening, speaking, reading, and basic writing. The primary goal is to give students the ability to carry on a simple conversation in German, including asking and answering questions. Students will also learn how to say a basic prayer in German, share basic information, and learn German songs as a way to acquire the language. Note: German II Honors is the next course in this sequence. The course has been carefully aligned to national standards as set forth by the American Council on the Teaching of Foreign Languages (ACTFL).

## **Mandarin I**

*Prerequisite: Approval from Academic Advisor*

*Grades: 8–12*

*Length: Two semesters*

*Credit: 1 (World Language credit for upper school included on the student's transcript and in GPA calculations)*

This fun, beginning course is designed to introduce students to the basics of the Chinese language. Students will develop their Chinese proficiency in the four modalities of language learning (listening, speaking, reading and writing) with an emphasis on oral communication. Each unit in the course covers a specific theme that includes new vocabulary and language notes, with guided practice in cultivating students' interest in the language, biblical connections to Chinese characters, and the beauty of Chinese culture. Students will learn to say a basic prayer in Chinese, share basic information, and learn Chinese songs as a way to acquire the Chinese language. Note: Mandarin II Honors is the next course in this sequence. The course has been carefully aligned to national standards as set forth by the American Council on the Teaching of Foreign Languages (ACTFL).

Students are encouraged to take this course, as it could have a huge impact on their future. "Tomorrow's leaders must be able to compete, work, and thrive in a globalized world with diverse, multilingual consumers and economies in which China and the U.S. will continue to be major players" (U.S. News – Oct. 25, 2016).

## **Spanish I**

*Prerequisite: None*

*Grades: 8–12*

*Length: Two semesters*

*Credit: 1 (World Language credit for upper school included on the student's transcript and in GPA calculations)*

Spanish I is a fun, interactive course designed to introduce students to the Spanish language and culture. Emphasis will be on the acquisition of four skills: listening, speaking, reading, and basic writing. The primary goal is to give students the ability to carry on a simple conversation in Spanish, including asking and answering questions. Students will also learn Bible verses and how to pray in Spanish, share basic information about Latino songs and Latino figures, and discuss Spanish readings. The course has been carefully aligned to national standards as set forth by the American Council on the Teaching of Foreign Languages (ACTFL).



**Liberty Christian School**

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