

# LITITZ CHRISTIAN SCHOOL

# 2024.2025

# HS Academic Programming Guide

Updated 04.15.2024

# MISSION STATEMENT

Lititz Christian School partners with Christian families to provide a biblical, academic education which prepares students to honor Jesus Christ in scholarship, vocation, and lifestyle.

# VISION

*Equipping Minds, Enriching Souls, Empowering Lives:* Our vision is to enrich curricula and experiential opportunities for those whom God sends us, and to maintain a level of excellence that honors Jesus Christ.

# EXPECTED STUDENT OUTCOMES

Social	A student will exhibit respect for all people, regardless of gender, race, religion, etc., recognizing the inherent value of each person as an image-bearer of the Creator.
Spiritual	A student will be able to articulate and defend the foundational tenets of a Biblical worldview based on a well-developed knowledge of scripture, as well as understand other belief systems present in the world today.
Intellectual	A student will be an articulate communicator – both verbally and through writing – of the knowledge present in a general education and the application of that knowledge; able to form and support ideas and arguments, and to engage articulately and respectfully in the exchange of ideas with others.
Vocational	A student will develop a positive work ethic and cultivate the skills of studying, investigating, problem-solving, and decision-making.
Physical	A student will understand the value of a pure and healthy lifestyle for the body, the mind, and the spirit.
Emotional	A student will possess an understanding of his/her gifting, abilities, strengths, weaknesses, value, and identity as an image-bearer of Christ.

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# PURPOSE OF THE ACADEMIC PROGRAMMING GUIDE

The purpose of this guide is to provide students, parents, and staff with an understanding of the guidelines, policies, and expectations regarding courses offered by Lititz Christian School. This guide is designed to provide sufficient information to help students plan their high school learning experience, giving consideration to both future educational and career goals. The LC Academic Programming Guide is distributed each spring to kick-off the course selection process for the following school year. Lititz Christian School reserves the right to alter annual course offerings based on the needs and interests of our student body.

# GRADING SYSTEM

A+ 100 – 96.5%	B+ 89-86.5%	C+ 79-76.5%	D+ 69-66.5%	F 59% and below
A 96-92.5%	B 86 - 82.5%	C 76-72.5%	D 66-62.5%	
A- 92 – 89.5%	B- 82-79.5%	C- 72-69.5%	D- 62-59.5%	

# **GRADUATION REQUIREMENTS**

In order to graduate from Lititz Christian School, each student must successfully complete the following graduation requirements approved by the Lititz Christian School Board:

SUBJECT	CREDITS	<b>COURSES OFFERED</b>
Bible	4.0	Gospel Foundations, Personal Discipleship, Church History, Teachings of Jesus, World Christianity, Practical Theology, Biblical Applications
English	4.0	English 9, 10, 11, 12, ESL or TOEFL (International Students), AP or DC English Courses
Social Studies	4.0	Ancient Civilization, World History, American History, Global Perspectives, DC History or History Electives (Civil War, Philosophy)
Science	3.0 or 4.0	Physical Science, Biology, and one additional credit in Chemistry or Science Elective (Anatomy & Physiology, Physics, Forensics) *Students must have a total of 7.0 credits in Math and Science.
Mathematics	3.0 or 4.0	Algebra, Geometry, Algebra 2, and Pre-Calculus or Math elective (Accounting/Economics, Calculus/Statistics, AP Calculus) *Students must have a total of 7.0 credits in Math and Science.
Health, Physical Education	1.0	PE 9, 10, 11 and 12, Health (GR10 or 11), Racquet Sports, or Participation in Varsity Sports
Arts/Humanities/DC Elective Options	5.0	Art, Computer, Music, Foreign Language, Yearbook, Writing electives, Forensics, Psychology, Business electives, DC Public Speaking, History electives, Theater Arts *Computer Applications and 1 credit of Foreign Language are required. College- bound students are strongly encouraged to complete at least 2 credits of Foreign Language.
Financial Literacy	0.5	
Senior Project	0.5	
Optional: CTC Half-Day	3.5	Juniors and Seniors who are accepted into one of the CTC programs have the option to attend CTC half-day.
Optional: CTC Full-Day	7.0	Seniors who are accepted into one of the CTC programs have the option to attend CTC full-day.
Optional: Senior Option	TBD	Seniors who are on track to meet the required number of graduation credits are eligible to apply for Senior Option, which includes apprenticeship, internship and employment opportunities.
TOTAL CREDITS	26.0	

# COMMUNITY SERVICE

Service is an integral part of the educational process at Lititz Christian School. To foster the proclamation of the Gospel, and to form good habits of service to others, the Community Service Program has been established for all students. The Community Service Program is being promoted with two goals in mind: first, to help fulfill the needs of many community and civic organizations as well as churches who rely on volunteer hours to accomplish many of their own goals, and second, to give ALL students at Lititz Christian School an opportunity to be OF SERVICE to the community.

# **REQUIREMENTS:**

- Each senior high student, as approved by Lititz Christian School Board of Education policy, will be required to perform **20 hours** of non-remunerated (no salary or wages) service to school, church, or community **per year**.
- LC Seniors are required to complete **10 hours of community service** (which can be met on the Senior Service trip) and **10 hours of an internship** (see below).
- Accredited service must be performed at an approved location or have the approval of a class advisor, administrator, or Community Service Coordinator. Family services such as mowing the lawn or baby-sitting siblings are family obligations and will not be accredited as community service.
- Students should submit documentation of service with proper signatures. Service forms can be found on the LC website.
- Since this is a graduation requirement, diplomas will be withheld until service hours are completed.

9th Grade Hours	10th Grade Hours	11th Grade Hours	12TH GRADE Hours	TOTAL HOURS FOR GRADUATION
20 hours community service	20 hours community service	20 hours community service	10 hours community service 10 hours internship	70 hours community service 10 hours internship

# **INTERNSHIP PROGRAM**

The LC Open Campus Internship program provides students with career-focused experience and an opportunity for learning outside the classroom. The LC Internship Coordinator will meet with each senior to determine areas of professional interest, then connect that student with possible opportunities to go off-campus during the school day to complete **10 hours of an internship**.

This can involve observing, shadowing, or hands-on work. Like Community Service Hours, students should not be receiving remuneration for this internship. Open Campus hours should be reported using the form available on the LC website and submitted to the Internship Coordinator.

# NATIONAL HONOR SOCIETY

Students entering 11th grade who meet a cumulative GPA of 3.5 or higher are invited to apply to be included in the LC chapter of the National Honor Society. A student's NHS membership continues into their senior year as long as they remain in good academic and behavioral standing with the school. The NHS induction ceremony is held each fall, and NHS students participate in several leadership and service opportunities throughout the year. Students who are inducted into the National Honor Society and remain in good standing through grade 12 will graduate with an NHS seal on their LC diploma.

# NATIONAL LANGUAGE HONOR SOCIETY

Students who have a B+ average or higher in a Level 3 World Language class will be eligible to apply for membership into the National Language Honors Society. Members who continue in language through their senior year will earn a special tassel and cord to wear at graduation as well as an official society seal on their diploma.

# DUAL ENROLLMENT & ADVANCED PLACEMENT

Dual enrollment or dual credit courses are an excellent way for 11<sup>th</sup> and 12<sup>th</sup> grade students to earn college credit while meeting the requirements for earning a high school diploma. There are multiple Dual Enrollment courses offered on campus, taught by members of the LC faculty. Courses taught on campus receive credit through Lancaster Bible College and cost \$95 per course. Students also have the ability to take classes through Harrisburg Area Community College and receive dual credit. (See the LC counseling office for more information on courses available.) Dual Enrollment courses receive a GPA weight of 1.2.

Advanced Placement courses consist of a culminating exam (or portfolio for Studio Design: 2D) that is graded by an outside organization. The results of the exam determine whether a student can be exempted from 1 semester of that class (or its equivalent) in college. Many colleges accept a grade of 3, 4, or 5 on an AP exam for college credit; some accept only a 4 or 5; some colleges do not accept the AP exam for credit. If your student is interested in a specific college or university, ask that institution what their policy is for their acceptance of AP exam scores for credit. Students enrolled in AP courses are expected to take the AP exam in the spring. The cost to take the exam is \$95. (See course prerequisites in the course descriptions provided in this guide.) Advanced Placement courses receive a GPA weight of 1.2.

# COLLEGE PARTNERSHIPS + OPPORTUNITIES

Lititz Christian maintains partnerships with 2 excellent Christian institutions to offer additional opportunities of earning college credit while in high school and receiving post-high school scholarship opportunities. Please contact the LC guidance department for additional information.

Institution	Lancaster Bible College: Premier School Partner	Messiah University: Pathways Partner	
Instructional Method	In-Person	Online	
Cost	\$95/course	<b>\$120/credit hour</b> (traditional 3-hour course = \$360)	
Opportunities for LC Students	<ul> <li>Dual credit courses on LC campus taught by LC instructors</li> <li>Discounted tuition in LBC Jump Start program on LBC campus</li> <li>Scholarship eligibility for students enrolling full-time at LBC after graduation from LC</li> </ul>	<ul> <li>Access to dual enrollment online courses with Messiah instructors for discounted tuition</li> <li>Scholarship eligibility for students enrolling full-time at Messiah after graduation from LC.</li> </ul>	

# CAREER AND TECHNOLOGY CENTER

Lititz Christian is pleased to partner with the Lancaster County Career and Technology Center to provide additional learning opportunities for students interested in a variety of careers. These programs provide specific training in a field of interest, allowing students to earn required certifications to work in the field.

The application process for CTC typically occurs in January of students' sophomore and junior years. Interested students should schedule time to meet with an LC counselor to determine if this program is a good fit. Students have the option to participate in half-day and full day programs beginning their junior year of high school. Students interested in the half-day program would attend both Lititz Christian School and CTC each day. The half-day program allows students to participate in courses that provide an introduction to the course of study they would experience as a full-day CTC student. CTC program offerings are listed below. See <u>www.lancasterctc.edu</u> for the most current programming information.

Advanced Health Careers Advanced Manufacturing Center Agriscience Center Construction Technologies Center Culinary Arts Center Health Care Center Information Technology Center Protective Services Center Visual Communications Center

# FOREIGN LANGUAGE DEPARTMENT

It has been proven that people who learn a foreign language have better focus, better memory, are better problem solvers, and generally earn more money than those who choose not to pursue learning a second language.

French	Spanish	
- More than 320 million people are speaking French. The French language is growing fast and we are expecting over 700 million French speakers within the next 20 years.	- Spanish is spoken by 559 million people globally and is the second most widely spoken language in the world, second only to Mandarin Chinese.	
<ul> <li>French is one of the official languages of some of the biggest organizations : UN, NATO, EU, UNESCO, Red Cross, Olympic Games committee).</li> </ul>	- Spanish is the official language of 20 countries around the world and one dependent territory (Puerto Rico).	
- 29 countries speak French.	<ul> <li>The United States has the second largest population of Spanish speakers in the world. (Mexico has the largest)</li> </ul>	
<ul> <li>French is the 3rd most useful language in business.</li> </ul>	- When seeking employment, bilingual candidates are often preferred by employers.	
- French is the only language with English that is spoken on every continent in the world.	<ul> <li>Spanish is one of the 6 official languages used by the United Nations and is also used by the</li> </ul>	
- Learning French will boost your professional career.	European Union.	

LC students are required to take 1 year of a foreign language, but we strongly encourage students to continue in a foreign language through their high school career especially if they are college bound.

It is the recommendation of the Lititz Christian World Language Department that all students have at least a **C or higher** semester 2 average to move onto the next consecutive level of language.

# Privileges associated with taking a foreign language at LC:

- 1. National Language Honors Society (see p. 7 for requirements)
- 2. Foreign Language Overseas Trips Students in Level 3 of a world language or higher may apply to participate in Foreign Language trips abroad to France or Spain when they are offered (the goal is to offer them yearly or every other year).

# SUGGESTED FRESHMAN COURSES

Here are a few things to keep in mind when selecting courses for freshmen year:

1. Credits Required: Student schedules must include at least 7.75 credits.

Required Courses (7.25 Credits)	Additional Course Options
Art 9/Intro to Computer Applications (semester courses, .5 credit)	Choir (full year, .5 credit)
Bible (full year, 1 credit)	Worship Arts (full year, .5 credit)
RISE (full year, .5 credit)	Yearbook (full year, .5 credit)
World Language (full year, 1 credit)	Art (full year, .5 credit)
English (full year, 1 credit)	
Mathematics (full year, 1 credit)	
Physical Education (full year, .25 credit)	
Science (full year, 1 credit)	
Social Studies (full year, 1 credit)	

- 2. **Instructor Input:** Eighth grade teachers recommend students for the core classes and levels (English, Mathematics, and Science) based on student performance in middle school. If you have questions, or would like to be considered for a different course, please see your instructor or school counselor.
- 3. **World Languages:** Spanish and French are the language options available at Lititz Christian. Students are encouraged to continue with the foreign language studied in middle school.
- 4. **Electives:** Physical Education is a required freshman course as well as a PA graduation requirement. Students are required to earn 5 Arts/Humanities/DC Elective credits for graduation in addition to .5 for Financial Literacy, and .5 credit for SenPro.
- 5. **4-Year Plan:** This is the time to establish a four-year plan with your school counselor based on student interests and course offerings. This is especially critical if students are considering attending CTC junior and senior years. This plan will be used during the course selection process, and planning related to courses offered on an annual basis.

9th Grade Field Trip Schedule:

Trip	Approx. Date	Estimated Cost	Trip Coordinator(s)
Walking Tour of Lancaster	October, 2023 (1 Day)	\$25.00	TBD
Service Retreat	April, 2024 (3 days)	\$150.00	Class Advisor

# SUGGESTED SOPHOMORE COURSES

Here are a few things to keep in mind when selecting courses for sophomore year:

1. Credits Required: Student schedules must include between 6 and 7 credits.

Required Courses (5.25 Credits)	Additional Course Options
Bible (full year, 1 credit)	Choir (full year, .5 credit)
Social Studies (full year, 1 credit)	Worship Arts (full year, .5 credit)
English (full year, 1 credit)	Yearbook (full year, .5 credit)
Mathematics (full year, 1 credit)	Art 10-12 (full year, .5 credits)
Science (full year, 1 credit)	World Language (full year, 1.0 credit)
Physical Education (full year, .25 credit)	
Family & Consumer Science (full year, .5 credit)	

- 2. Instructor Input: Instructors recommend the placement of students in core classes and levels (English, Mathematics, and Science) based on student performance freshman year. There may also be prerequisite requirements for specific courses offered. If you have questions or would like to be considered for a different course, please see your instructor or school counselor.
- 3. **World Languages:** Continued study of foreign language is strongly recommended for students planning to attend college. Spanish and French are the language options available at Lititz Christian. See your school counselor with any questions.
- 4. **Electives:** Physical Education is a required sophomore course as well as PA graduation requirements. Students are required to earn 5 Arts/Humanities/DC Elective credits for graduation in addition to .5 for Financial Literacy, and .5 credit for SenPro.
- 5. **4-Year Plan:** We continue to consult each student's four-year plan created with your school counselor based on interests and course offerings. This is especially critical if students are considering attending CTC junior and senior years. This plan will be used during the course selection process, and planning related to courses offered on an annual basis.
- 6. **Career Technology Center:** Sophomore students considering attending CTC junior year should consult with a guidance counselor to ensure the course selections meet program entrance recommendations. Students typically apply to CTC during the winter months of sophomore year. Additional information about CTC programs are available in this guide, and at <u>www.lcctc.org</u>.

# 10th Grade Field Trip Schedule:

Trip	Approx. Date	Estimated Cost	Trip Coordinator(s)
Foreign Language Museum + Cuisine *For students enrolled in Spanish 3-4 or French 3-4	Quarter 2 - Date TBD (1 Day)	\$50.00	Erin Rittler Florence Nickel
Camp Swatara Outdoor Learning	October, 2023 (1 Day)	\$26.00	Jenn Balmer
Washington, D.C.	March, 2024 (1 Day)	\$150.00	TBD

# SUGGESTED JUNIOR COURSES

Here are a few things to keep in mind when selecting courses for junior year:

1. Credits Required: Student schedules must include between 6 and 7 credits.

Required Courses (5.5 Credits)	Additional Course Options
Bible (full year, 1 credit)	AP Computer Science (full year, 1 credit)
English* (full year, 1 credit)	Art 10-12 (full year, .5 credit)
Financial Literacy (full year, .5 credit)	Yearbook (full year, .5 credit)
Mathematics (full year, 1 credit)	Choir (full year, .5 credit)
Physical Education (full year, .25 credit)	CTC Half-Day (full year, 3.5 credit)
Science (full year, 1 credit)	DC Electives (semester, 1 credit each)
Social Studies* (full year, 1 credit)	World Language (full year, 1 credit)
	Worship Arts (full year, .5 credit)

\* Students have the option to take Dual Credit English, Social Studies, and/or Business courses, earning both high school and college credit. These are semester courses, each awarding 1 credit upon successful completion. Prerequisites listed under Course Descriptions.

- 2. **Instructor Input:** Students are encouraged to work with instructors to determine the appropriate selection of core classes and levels (English, Mathematics, and Science). Some courses have prerequisite requirements that must be met sophomore year.
- 3. **World Languages:** Continued study of foreign language is strongly recommended for students planning to attend a college or university. It is important to consider the foreign language expectations for the university and program of interest.
- 4. **Electives:** Physical Education is a required course as well as a PA graduation requirement. Please keep in mind that students are required to earn 5 Arts/Humanities/DC Elective credits for graduation in addition to .5 for Financial Literacy, and .5 credit for SenPro.
- 5. **4-Year Plan:** We continue to consult each student's four-year plan created with your school counselor based on interests and course offerings. This plan will be used during the course selection process, and planning related to plans after graduation.
- 6. **Career Technology Center:** Junior students considering attending CTC senior year should consult with a counselor to ensure the course selections meet program entrance recommendations. Students typically apply to CTC during the winter months of junior year. Additional information about CTC programs are available in this guide, and at <u>www.lancasterctc.edu</u>.
- 7. **Dual Enrollment:** Students are eligible for courses earning dual credit both high school graduation and college-level credit during junior and senior years. While several dual credit courses are listed in this planning guide, additional courses are offered by our secondary school partners. See your counselor with questions or suggestions.

# 11th Grade Field Trip Schedule:

Trip	Approx. Date	Estimated Cost	Trip Coordinator(s)
Foreign Language Museum + Cuisine *For students enrolled in Spanish 3-4 or French 3-4	Quarter 2 - Date TBD (1 Day)	\$50.00	Erin Rittler Florence Nickel
Foreign Language Trip: SPAIN* *Optional for students enrolled in Spanish 3-4 or French 3-4	Mid-November, 2023 (8 days)	\$2800.00	Erin Rittler Dave Swift
Washington, D.C.	March, 2024 (1 Day)	\$150.00	TBD
Urban Hope Service Trip* *NHS Members only	April, 2024 (1 Day)	\$0	NHS Advisor

# SUGGESTED SENIOR COURSES

Here are a few things to keep in mind when selecting courses for senior year:

1. Credits Required: Student schedules must include between 6 and 7 credits.

Required Courses (5.75 Credits)	Additional Course Options
Bible (full year, 1 credit)	AP Computer Science (full year, 1 credit)
English** (full year, 1 credit)	Art 10-12 (full year, .5 credit)
Mathematics (or Science*) (full year, 1 credit)	Yearbook (full year, .5 credit)
Physical Education (full year, .25 credit)	Choir (full year, .5 credit)
Science (or Mathematics*) (full year, 1 credit)	CTC Half-Day (full year, 3.5 credit)
Social Studies** (full year, 1 credit)	CTC Full Day (full year, 7 credit)
SenPro (full year, .5 credit)	DC Electives (semester, 1 credits each)
	Psychology (full year, .5 credit)
	World Language (full year, 1 credit)
	Worship Arts (full year, .5 credit)

\*All Students are required to earn a minimum combined total of 7.0 credits of Math and Science. \*\*Students have the option to take Dual Credit English and Social Studies courses, earning both high school and college credit. These are semester courses, each awarding 1 credit upon successful completion. Prerequisites listed under Course Descriptions.

- 2. **Instructor Input:** Students are encouraged to work with instructors to determine the appropriate selection of core classes and levels (English, Mathematics, and Science). Some courses have prerequisite requirements that must be met Junior year.
- 3. **World Languages:** Continued study of foreign language is strongly recommended for students planning to attend a college or university. It is important to consider the foreign language expectations for the university and program of interest.
- 4. **Electives:** Physical Education is a required senior course as well as a PA graduation requirement. Students are required to earn 5 Arts/Humanities/DC Elective credits for graduation in addition to .5 for Financial Literacy, and .5 credit for SenPro.
- 5. **4-Year Plan:** We continue to consult each student's four-year plan created with your school counselor based on interests and course offerings. This plan will be used during the course selection process, and planning related to plans after graduation.
- 6. **Career Technology Center:** Junior students considering attending CTC senior year should consult with a counselor to ensure the course selections meet program entrance recommendations. Students typically apply to CTC during the winter months of junior year. Additional information about CTC programs are available in this guide, and at <u>www.lancasterctc.edu</u>.

- 7. **Dual Enrollment:** Students are eligible for courses earning dual credit both high school graduation and college-level credit during junior and senior years. While several dual credit courses are listed in this planning guide, additional courses are offered by our secondary school partners. See your counselor with questions or suggestions.
- 8. **Open Campus:** As a senior privilege, any LC senior who is is good academic and behavioral standing with LC and does not have any regularly scheduled afternoon classes may leave campus early (before 2:40 dismissal), following their last scheduled class. This must be scheduled through the Guidance Office.

Trip	Approx. Date	Estimated Cost	Trip Coordinator(s)
Foreign Language Museum + Cuisine *For students enrolled in Spanish 3-4 or French 3-4	Quarter 2 - Date TBD (1 Day)	\$50.00	Erin Rittler Florence Nickel
Senior Class Pictures	October, 2023 (Half Day)	\$0	Yearbook Advisor
Foreign Language Trip: SPAIN* *Optional for students enrolled in Spanish 3-4 or French 3-4	Mid-November, 2023 (8 Days)	\$2800.00	Erin Rittler Dave Swift
SenGo: Senior Trip to Guatemala	March, 2024 (8 Days)	\$1600.00	Anna Urquhart
Urban Hope Service Trip* *NHS Members only	April, 2024 (1 Day)	\$0	NHS Advisor

# 12th Grade Field Trip Schedule:

# HOW TO UNDERSTAND COURSE DESCRIPTIONS

Below you will find details on how to understand some of the information provided on each course description included in the pages that follow. This information is important to determine student eligibility and the credit value for each course offered.

Classification:	Course classifications include General Education, Dual Credit and Advanced
	Placement.
Course ID:	The course ID is used for school purposes only.
Grade Level:	Student grade level eligible for this course.
Credits:	Credit earned after successful completion of the course.
GPA Weight:	Course weight determined by the course classification.
Elective:	Identifies if the class earns an elective credit.
Fees:	Lists any fees related to the course, if applicable.
Length:	Indicates whether the course is a semester or full year course.
Prerequisites:	Lists any prerequisites required for the course, typically the successful
	completion of coursework prior to the one described.

The listing of a specific course in this guide does not guarantee that it will be offered each school year. Administration determines the annual course offerings based on student needs and interests, and available staffing. The ultimate goal is to ensure LC students have access to their courses of interest, either on campus or through one of our post-secondary school partners.

# Course Descriptions + Prerequisites

# <u>BIBLE</u>

# **BIBLICAL APPLICATIONS**

Classification: GE Course ID: BIB-APP Grade Level: 11-12 Credits: 1.0 GPA Weight: 1 Elective: No Fees: None Length: Full Year Prerequisites: None

**BIBLICAL FOUNDATIONS** 

Classification: GE Course ID: BIB9 Grade Level: 9 Credits: 1 GPA Weight: 1 Elective: No Fees: None Length: Full Year Prerequisites: None

# **CHURCH HISTORY**

Classification: GE Course ID: CHRHIS Grade Level: 10 Credits: 0.5 GPA Weight: 1 Elective: No Fees: None Length: Semester Prerequisites: None

# PERSONAL DISCIPLESHIP

Classification: GE Course ID: PERDIS Grade Level: 10 Credits: 1 GPA Weight: 1 Elective: No Fees: None Length: Semester Prerequisites: None This course is the culmination of the LC Bible Program - it evaluates real life application to biblical principles outside the walls of LC. Aspects of the earthly ministry of Jesus are considered along with the lives of apostles, evaluating how they made the message of Jesus culturally relevant in their world and lived out the gospel in the places they inhabited. Topics such as evangelism, doctrine, ethics, and current cultural topics are discussed in an effort to apply biblical principles to real-world living.

The course is a study of the revelation of God through the first five books of the Bible. In a study of the Torah, from Genesis to Deuteronomy, students will uncover what the Bible says about the nature and purposes of God. This class starts out with a deep dive into hard questions and topics in the Bible by reading a book called, "How Not to Read the Bible." Including basic doctrine and Bible study skills, this course will give students a foundational understanding of the beginning of the chronological and theological story of the Bible.

This course is a broad overview of how a small band of Jesus's followers transformed into the largest religion in the world. We will explore a variety of people and events in the Church's history, both good and bad. This will be done through textbook readings, Primary Sources, Lectures, and experiential learning. We will also be using what we study to examine, critique, and affirm Church practices today and student's personal beliefs and discuss theological concepts.

A study in being a follower of Jesus, this course will examine the practices of personal faith and discipleship. It will include topics such as the spiritual habits modeled by Jesus, the spiritual disciplines, thinking and living as a kingdom builder, and individual aptitudes and gifting.

# PRACTICAL THEOLOGY

Classification: GE Course ID: TBD Grade Level: 11-12 Credits: 0.5 GPA Weight: 1 Elective: No Fees: None Length: Full Year Prerequisites: None

#### **TEACHINGS OF JESUS**

Classification: GE Course ID: TOJE Grade Level: 10 Credits: 0.5 GPA Weight: 1 Elective: No Fees: None Length: Semester Prerequisites: None

# WORLD CHRISTIANITY

Classification: GE Course ID: WORCHR Grade Level: 11 Credits: 0.5 GPA Weight: 1 Elective: No Fees: None Length: Semester Prerequisites: None

# **BUSINESS**

# ECONOMICS

Classification: GE Course ID: BUS204 Grade Level: 11, 12 Credits: 0.5 GPA Weight: 1 Elective: Yes Fees: None Length: Semester Prerequisites: None This course applies theological principles in a practical way to students' lives, the world they live in, and the world they will soon be entering outside the halls of LC. This course is discussion-heavy and tailored to students' needs, questions, and experience.

A study in being a follower of Jesus, this course will examine the earthly ministry of Jesus and how his teachings and lifestyle transpose to a modern world.

This course is a broad overview of the Christian Church around the world. We will begin with an examination of how culture influences faith practices and understandings. We will then move into a study of several broad geographical regions where Chrisitanity is found. We will examine both the historical contributions from those regions as well as the state of the Church today and current theological contributions. This will be done through textbook readings, Primary Sources, Lectures, Guest Speakers and experiential learning. We will also be using what we study to examine, critique, and affirm American/Western Church beliefs and practices today.

This course serves as an introduction to the basic tools of micro- and macroeconomic analysis. Microeconomics deals with consumers, firms, markets and income distribution. Macroeconomics deals with national income, employment, inflation and money. Students will learn foundational concepts of economics with a focus on practical application. After gaining an understanding of the interplay between these concepts, students will design and defend their own perspectives on the ideal economy.

# **ENTREPRENEURSHIP**

Classification: GE Course ID: BUS306 Grade Level: 11, 12 Credits: 0.5 GPA Weight: 1 Elective: Yes Fees: None Length: Semester Prerequisites: None This is a practical hands-on business course designed for students interested in starting their own business and/or working for a small business. The course focuses on the steps necessary to create, maintain, modify, and market the new business from an entrepreneurial perspective. Students will develop a business plan, find ways to secure financing, learn a variety of marketing and customer relationship management techniques, as well as the value of developing a mentioning relationship.

# INTRODUCTION TO BUSINESS

Classification: DC Course ID: BUS102 Grade Level: 11, 12 Credits: 1 GPA Weight: 1.1 Elective: Yes Fees: \$95 (optional) Length: Semester Prerequisites: None

# MARKETING

Classification: GE Course ID: BUS204 Grade Level: 11, 12 Credits: 0.5 GPA Weight: 1 Elective: Yes Fees: None Length: Semester Prerequisites: None This introductory course investigates the role business plays in society, the importance of integrating a career in business with ministry, and examines the various functional areas of a business to enable students to understand areas of personal interest and possible future career options.

This class will provide students with an overview of various professional fields from a business and marketing perspective. Students will have an opportunity to examine basic marketing principles and discover how things work behind the scenes of major organizations, at both a local and national level.

Accounting and Financial Literacy course descriptions are located in the Mathematics section of this guide.

# **ENGLISH & EDUCATION**

# AMERICAN LITERATURE

Classification: GE Course ID: ENG11 Grade Level: 11,12 Credits: 1 GPA Weight: 1 Elective: No Fees: None Length: Full Year Prerequisites: None This course covers traditional American literature, beginning with the Native American oral tradition and moving chronologically through to the Modern Era. Formal and informal writing, selections of reading, public speaking, research methods, grammar, and vocabulary are covered.

# **BRITISH LITERATURE**

Classification: GE Course ID: ENG12 Grade Level: 11,12 Credits: 1 GPA Weight: 1 Elective: No Fees: None Length: Full Year Prerequisites: None This course covers traditional British literature, beginning with the Anglo-Saxon Era and moving chronologically through to the Modern Era. Formal and informal writing, selections of reading, public speaking, research methods, grammar, and vocabulary are covered.

# **BUSINESS + PROFESSIONAL WRITING**

Classification: GE Course ID: BUSW Grade Level: 11, 12 Credits: 0.5 GPA Weight: 1.0 Elective: Yes Fees: None Length: Semester Prerequisites: None Students will learn to cultivate and maintain a professional tone, focus, and structure in writing related to the business and professional world. Various types of professional writing will be studied and practiced: resumes, letters, memos, reports, and proposals. Best practices will be developed for professional interviews, interactions, and conduct.

# **COLLEGE COMPOSITION AND RESEARCH**

Classification: DC Course ID: LAN101 Grade Level: 11, 12 Credits: 1 GPA Weight: 1.2 Elective: No Fees: \$95 (optional) Length: Semester Prerequisites: B+ or above in World Literature Honors, or A- or above in CP English + instructor approval

# LITERATURE SURVEY

Classification: GE Course ID: ENG9 Grade Level: 9 Credits: 1 GPA Weight: 1 Elective: No Fees: None Length: Full Year Prerequisites: None Students are introduced to the conventions of academic writing that will enable them to be successful writers in courses throughout their collegiate tenure. Through active engagement in the research and writing process, students will explore the power of language to shape cultural perceptions and communicate a biblical worldview.

#### Summer reading and writing assignments are required.

\*This is a dual credit course that awards credit towards high school graduation and college credit through Lancaster Bible College.

A survey course of historical and contemporary literature, covering fiction, nonfiction, short stories, novels, poetry, and drama. Grammar, vocabulary, formal and informal writing, research methods, and developing a research paper are covered.

# LITERATURE SURVEY HONORS

Classification: GE Course ID: ENG9H Grade Level: 9 Credits: 1 GPA Weight: 1.1 Elective: No Fees: None Length: Full Year Prerequisites: B+ or above in previous English Honors class, or A- or above in previous on-level English class + instructor approval. This is a discussion and projects-based course that looks to dig deeper into the works read throughout the year. In addition to the general curriculum of the Literature Survey course, there are additional outside readings, discussion groups, projects, and writing assignments. This is a more intensive writing course with the intent of preparing students for AP/DC English in 11<sup>th</sup> and 12<sup>th</sup> grades.

Summer reading and writing assignments are required.

# POETRY, FICTION, DRAMA

Classification: DC Course ID: LIT'101 Grade Level: 12 Credits: 1 GPA Weight: 1.2 Elective: No Fees: \$95 (optional) Length: Semester Prerequisites: B or above in DC English 11, or A- or above in CP English + instructor approval

# PUBLIC SPEAKING

Classification: DC Course ID: LAN104 Grade Level: 11, 12 Credits: 1 GPA Weight: 1.2 Elective: Yes Fees: \$95 (optional) Length: Semester Prerequisites: B- or above in previous English course This course instructs students in reading poetry, short fiction, and drama, emphasizing the critical analysis of each of these genres and the application of literary terminology. This is a college-level, writing intensive course.

#### Summer reading and writing assignments are required.

\*This is a dual credit course that awards credit towards high school graduation and college credit through Lancaster Bible College.

This dual credit course is designed to enable students to speak effectively on selected subjects using various methods. Classroom practice is giving in oral and interpretive readings. Study is given to the correct preparation and delivery of different kinds of speeches as well as the use of correct speech habits and behavior.

\*This is a dual credit course that awards credit towards high school graduation and college credit through Lancaster Bible College.

#### WORLD LITERATURE

Classification: GE Course ID: ENG10 Grade Level: 10 Credits: 1 GPA Weight: 1 Elective: No Fees: None Length: Full Year Prerequisites: None

A survey course of historical and contemporary literature from Europe, Africa, and Asia, covering fiction, nonfiction, short stories, novels, poetry, and drama. Grammar, vocabulary, formal and informal writing, research methods, and developing a research paper are covered.

# WORLD LITERATURE HONORS

Classification: GE Course ID: ENG10H Grade Level: 10 Credits: 1 GPA Weight: 1.1 Elective: No Fees: None Length: Full Year Prerequisites: B or above in English 9 Honors class, or A- or above in Lit. Survey + instructor approval. A survey course of traditional and contemporary literature from all around the world covering short and long fiction, nonfiction, poetry, and drama. This is a discussion and projects-based course that looks to dig deeper into the works read throughout the year. In addition to the general curriculum of the World Literature course, there are additional outside readings, discussion groups, projects, and writing assignments. This is a more intensive writing course with the intent of preparing students for AP/DC English in 11<sup>th</sup> and 12<sup>th</sup> grades.

Summer reading and writing assignments are required.

# ENGLISH LANGUAGE LEARNERS

# ESL

Classification: GE Course ID: ESL1 Grade Level: 9, 10, 11 Credits: 1 GPA Weight: 1 Elective: No Fees: None Length: Full Year Prerequisites: None English language learners discover how to use and extend their listening, reading comprehension, vocabulary, writing, and communication skills more effectively for academic purposes.

# FINE ARTS

#### **3D STUDIO ART**

Classification: GE Course ID: TBD Grade Level: 9, 10, 11, 12 Credits: 0.25 GPA Weight: 1 Elective: No Fees: None Length: Semester Prerequisites: None

# ART 9

Classification: GE Course ID: ART9 Grade Level: 9 Credits: 0.25 GPA Weight: 1 Elective: No Fees: None Length: Full Year Prerequi sites: None

#### **ART 10**

Classification: GE Course ID: ART10 Grade Level: 10 Credits: 0.5 GPA Weight: 1 Elective: Yes Fees: None Length: Full Year Prerequisites: None

# CHOIR

Classification: GE Course ID: CHOIR Grade Level: 9-12 Credits: 0.5 GPA Weight: 1 Elective: Yes Fees: None Length: Full Year Prerequisites: None In 3D Studio Art, students will have the opportunity to explore three dimensional art in a way that is interesting and unique to them. Students will use their studio time to plan and complete projects using materials such as recyclables, polymer clay, fabrics and natural materials to create anything from jewelry and accessories to decorative décor and sculpture.

This basic art course will include the study of drawing in black and white using pencil, charcoal, pen and ink. We will use color later in relationship to the basics explored in black and white. Students will be introduced to more sophisticated concepts and techniques in printmaking, painting, and ceramics. Projects will have preparatory assignments associated with them in order to prepare students for success. These assignments are predominantly completed in class, but will require some time outside of class due to absences or speed of completion.

This course focuses on "Ideas as Images". Communicating through art making and developing meaning in artwork is the emphasis. Review of previous art skills learned in Art 9 will lay the groundwork for further study of fundamentals in drawing and painting. Projects will have preparatory assignments associated with them in order to prepare students for success. These assignments are predominantly completed in class, but will require time outside of class due to absences or speed of completion.

This course consists of learning vocal and performance techniques and applying them to selected songs. Choir members will perform at Grandparents' Day, the Christmas concert, Spring Concert, and Commencement.

Attendance and participation in performances are required.

# DRAWING

Classification: GE Course ID: DRAW Grade Level: 11, 12 Credits: 0.5 GPA Weight: 1 Elective: Yes Fees: None Length: Full Year Prerequisites: None

# MIXED STUDIO ART

Classification: GE Course ID: TBD Grade Level: 10, 11, 12 Credits: 0.5 GPA Weight: 1 Elective: Yes Fees: None Length: Full Year Prerequisites: None

# **MUSIC THEORY**

Classification: GE Course ID: MUSTH Grade Level: 11, 12 Credits: 0.5 GPA Weight: 1 Elective: Yes Fees: None Length: Full Year Prerequisites: None

# THEATER ARTS AND DRAMA

Classification: GE Course ID: THTR Grade Level: 11, 12 Credits: 0.25 GPA Weight: 1 Elective: Yes Fees: None Length: Semester Prerequisites: None This course will emphasize drawing as a fundamental skill in the process of painting and will use drawing predominantly as preparation for paintings. Projects may include Still Life, Landscape, portraiture, architecture and abstract work. Projects will have preparatory assignments associated with them in order to prepare students for success. These assignments are predominantly completed in class, but will require some time outside of class due to absences or speed of completion.

Mixed studio art is an entry level open studio course where students can begin to apply the concepts and skills they have acquired through their preparatory study of art principles and elements of design. This class will seek to allow students to explore various artistic mediums in a more independent way as a means to discover their own unique creative voice. Students will work with the instructor to plan and create projects that challenge and grow them in areas of drawing, painting, mixed media and collage.

This advanced music course will be tailored to the individual student's needs and talents. Each student will schedule an individual meeting with the instructor every other week to check progress and receive new assignments. Generally, each student will examine the principles of music theory as well as sight-singing, dictation, and voice leading for composition. Students will learn to analyze music and compose for a variety of instruments and voice. This course is aimed at providing a solid music theory foundation for students considering further education in music.

This course will allow students to examine the many aspects of theater arts and drama including the following topics: scripts, improvisation, public speaking, acting strategies, parts of a stage, auditions, set design, make-up, costumes, choreography, as well as roles of actor, director, and stage manager.

# MATHEMATICS

# ACCOUNTING

Classification: GE Course ID: ACCT Grade Level: 11, 12 Credits: 0.5 GPA Weight: 1 Elective: No Fees: None Length: Semester Prerequisites: None

### ALGEBRA 1

Classification: GE Course ID: ALG1-CP Grade Level: 9 Credits: 1 GPA Weight: 1 Elective: No Fees: None Length: Full Year Prerequisites: None

# ALGEBRA 2

Classification: GE Course ID: ALG2 Grade Level: 10, 11, 12 Credits: 1 GPA Weight: 1 Elective: No Fees: None Length: Full Year Prerequisites: Algebra 1

# ALGEBRA 2 HONORS

Classification: GE Course ID: ALG2-H Grade Level: 10, 11, 12 Credits: 1 GPA Weight: 1.1 Elective: No Fees: None Length: Full Year Prerequisites: B- or above in Algebra 1 This course serves as an introduction to the basic concepts and standards underlying financial accounting systems. Several important concepts will be studied in detail, including: revenue recognition, inventory, long-term assets, long-term liabilities, and present value.

Basic Calculator is Required.

This course includes concepts typically taught in college-prep Algebra and includes real-world applications. This course covers topics such as equations with more than one variable, inequalities, factoring, rational expressions, relations, radicals, and linear and nonlinear functions.

TI-83 or TI-84 Graphing Calculator is Required.

This course will prepare students for pre-calculus concepts. Topics include equations and inequalities, linear relations and functions, quadratic functions, polynomial functions, radicals, rational expressions, and conic sections.

TI-83 or TI-84 Graphing Calculator is Required.

This course covers equations, inequalities, quadratic functions, polynomial functions, radicals, rational functions, exponential functions, logarithmic functions, conic sections, and trigonometry as a means of analyzing and understanding a broad variety of relationships, helping them better understand the structure of Algebra. The Algebra 2 Honors course also prepares students to be successful in the Pre-Calculus & Trigonometry Honors course.

TI-83 or TI-84 Graphing Calculator is Required.

# **AP CALCULUS**

Classification: AP Course ID: APCAL Grade Level: 11, 12 Credits: 1 GPA Weight: 1.2 Elective: No Fees: \$95 exam fee Length: Full Year Prerequisites: Pre-Calc Honors or 90% or above in Pre-Calc

# CALCULUS

Classification: GE Course ID: CALC Grade Level: 11, 12 Credits: 0.5 GPA Weight: 1 Elective: No Fees: None Length: Semester Prerequisites: C- or above in Pre-Calc

# FINANCIAL LITERACY

Classification: GE Course ID: FINLI Grade Level: 10, 11, 12 Credits: 1 GPA Weight: 1 Elective: No Fees: None Length: Full Year Prerequisites: None

# GEOMETRY

Classification: GE Course ID: GEOM Grade Level: 9, 10 Credits: 1 GPA Weight: 1 Elective: No Fees: None Length: Full Year Prerequisites: Algebra 1 integration. Applications of the derivative and the integral will be explored. Students will be prepared to take the AP Calculus AB exam in the spring.

TI-83 or TI-84 Graphing Calculator is Required. T1-84 Plus or TI-84 CE Prefered.

The major topics presented are limits, derivatives, and integrals. This course is for students who might, at some point, take a Calculus course in college.

TI-83 or TI-84 Graphing Calculator is Required.

This course provides comprehensive classroom experiences that allow students to develop the knowledge and skills needed to make informed decisions as a consumer. Students will develop the financial skills related to income, taxes, financial planning, banking, consumer credit, budgeting, savings and investment, and insurance. Guest Speakers will be integrated into learning experiences, as well as Dave Ramsey's Foundations in Personal Finance (High School Edition) in order to better apply Biblical principles to personal money management. \*Basic Calculator is Required.

This course emphasizes visual and tactile representations of math concepts to enhance retention of concepts taught. Topics covered include segment measurement, parallel lines and angle relationships, properties of triangles and quadrilaterals, equations of lines, proportions, area, volume, and surface area.

TI-83 or TI-84 Graphing Calculator is Required.

# **GEOMETRY HONORS**

Classification: GE Course ID: GEOM-H Grade Level: 9, 10 Credits: 1 GPA Weight: 1.1 Elective: No Fees: None Length: Full Year Prerequisites: B- or above in Algebra 1 Topics include deductive reasoning and proof, parallel and perpendicular lines, congruent triangles, quadrilaterals, proportions and similarity, right triangles, trigonometry transformations, circles, area and volume. Students will be taught to reason deductively and to prove theorems in Geometry.

TI-83 or TI-84 Graphing Calculator is Required.

# **PRE-CALCULUS & TRIGONOMETRY**

Classification: GE Course ID: PRECAL Grade Level: 11, 12 Credits: 1 GPA Weight: 1 Elective: No Fees: None Length: Full Year Prerequisites: Algebra 2 This course integrates concepts and skills relating to foundation, twodimensional calculus, such as the concept of critical points and end behavior, function analysis, trigonometry, polynomial and rational functions, conics, exponential and logarithmic functions, and geometry. Real-world examples will be used throughout the course and will demonstrate how pre-calculus is utilized in crime/accident investigation, business, and other disciplines.

TI-83 or TI-84 Graphing Calculator is Required.

#### **PRE-CALCULUS & TRIGONOMETRY HONORS**

Classification: GE Course ID: PRECAL-H Grade Level: 11, 12 Credits: 1 GPA Weight: 1.1 Elective: No Fees: None Length: Full Year Prerequisites: B- or above in Algebra 2 Honors, or A- or above in Algebra 2 This course prepares students to take AP Calculus. Advanced Algebra topics include linear relations and functions, systems of equations and inequalities, graphing, polynomial and rational functions, conics, and exponential and logarithmic functions. Topics in Trigonometry include: trigonometric functions, graphing, and proving trigonometric identities, vectors, and parametric equations, and polar coordinates.

TI-83 or TI-84 Graphing Calculator is Required.

# STATISTICS

Classification: GE Course ID: STAT Grade Level: 11, 12 Credits: 0.5 GPA Weight: 1 Elective: No Fees: None Length: Semester Prerequisites: C- or above in Algebra 2 The purpose of this course is to teach students how to make informed decisions using data. Students will collect data, organize and summarize it, find relationships between two variables, find probability, create and interpret probability distributions and sampling distributions.

TI-83 or TI-84 Graphing Calculator is Required.

# PHYSICAL EDUCATION, HEALTH AND WELLNESS

#### HEALTH

Classification: GE Course ID: HEA1 Grade Level: 10, 11 Credits: 0.25 GPA Weight: 1 Elective: No Fees: None Length: Semester Prerequisites: None

# PHYSICAL EDUCATION

Classification: GE Course ID: PE9/10 Grade Level: 9, 10 Credits: 0.25 GPA Weight: 1 Elective: No Fees: None Length: Full Year Prerequisites: None

# **RACQUET SPORTS**

Classification: GE Course ID: RACSP Grade Level: 11,12 Credits: 0.25 GPA Weight: 1 Elective: No Fees: None Length: Full Year Prerequisites: None This course will take a multidimensional approach to the study of health and wellbeing. The course will address the different aspects of overall health through units on physical health, social health, mental health, spiritual health, financial health, environmental health and occupational health. Within each unit, students will examine how they can be good stewards of their body, mind, gifts, wealth and spirit given by God. Students will complete a cumulative project which assesses the personal knowledge and skills gained for each dimension of health and how they can make God-honoring choices in each area of health and wellbeing.

Physical Education is a phase of education concerned with the developing of physical skills, acquiring sports knowledge, and encouraging sportsmanship. This class will focus on improvement of the student's fitness level in the areas of agility, strength, flexibility, and endurance. Emphasis will be on team sports, but as students advance in physical education, the primary focus will be on individual sports and lifetime fitness. The student will learn the rules and fundamentals of various games and will acquire skills that can be carried over into adult life.

This PE course teaches the foundations of 2 lifetime sports: **tennis** and **pickleball**. Students will, at times, be traveling to courts off campus to apply the skills learned in this class. Supplies, such as racquets and balls, will be provided. Students need to dress in sneakers and athletic wear in keeping with the athletic handbook.

# **COURT SPORTS**

Classification: GE Course ID: CRT-SP Grade Level: 11,12 Credits: 0.25 GPA Weight: 1 Elective: No Fees: None Length: Full Year Prerequisites: None This PE course teaches the foundations, rules, and basic skills of 2 lifetime sports: **volleyball** and **basketball**. Students will apply the skills learned in this class through game play. Good sportsmanship is emphasized throughout play. Students need to dress in sneakers and athletic wear in keeping with the athletic handbook.

# <u>SCIENCE</u>

# **ANATOMY & PHYSIOLOGY**

Classification: GE Course ID: ANAT1 Grade Level: 11, 12 Credits: 1 GPA Weight: 1 Elective: No Fees: None Length: Full Year Prerequisites: B- or higher in Biology

# BIOLOGY

Classification: GE Course ID: BIO9 Grade Level: 9, 10 Credits: 1 GPA Weight: 1 Elective: No Fees: None Length: Full Year Prerequisites: None Human Anatomy and Physiology is a Biology course that investigates the relationships between the structures and functions of the human body systems. The structural study focuses on the basic anatomical terminology, the identification of human organs and systems. The functional study examines the physical, mechanical and biochemical function of the human body. It explores the great details of each of the major systems of the body and how they work together in unity. Students will learn through group activities, interactive lectures, anatomical models, laboratory activities, reading materials, research projects, and dissections. Students will gain an understanding and appreciation for the human body – God's masterpiece.

Biology is the study of life, God's living creation. This course introduces foundational concepts of biology, including the study of the basic chemistry of life, the cell and cellular processes, the molecular basis of heredity, genetics, evolution and ecology. Students will be exposed to secular views and biblical principles regarding life's origin and development in the unit of study on evolution. Throughout the course, students will be prompted to think critically about God's intricate design of living things and the processes that support life. Biology as a career and the issues of bioethics will also be discussed. Students learn through inquiry activities, laboratory work, group activities, independent reading, interactive lectures, and research and presentation projects.

#### **BIOLOGY HONORS**

Classification: GE Course ID: BIO9H Grade Level: 9, 10 Credits: 1 GPA Weight: 1.1 Elective: No Fees: None Length: Full Year Prerequisites: B- or above in previous Science courses

# CHEMISTRY

Classification: GE Course ID: CHEM1 Grade Level: 10, 11 Credits: 1 GPA Weight: 1 Elective: No Fees: None Length: Full Year Prerequisites: Algebra

#### **CHEMISTRY HONORS**

Classification: GE Course ID: CHEM1H Grade Level: 10, 11 Credits: 1 GPA Weight: 1.1 Elective: No Fees: None Length: Full Year Prerequisites: B or above in Honors Biology, B+ or above in Algebra 1 AND Honors Physical Science. On-level courses require an A minimum. Biology is the study of life, God's living creation. This course introduces foundational concepts of biology, including the study of the basic chemistry of life, the cell and cellular processes, the molecular basis of heredity, genetics, evolution and ecology. Students will be exposed to secular views and biblical principles regarding life's origin and development in the unit of study on evolution. Throughout the course, students will be prompted to think critically about God's intricate design of living things and the processes that support life. Biology as a career and the issues of bioethics will also be discussed. Students learn through inquiry activities, laboratory work, group activities, independent reading, interactive lectures, and research and presentation projects. This course requires additional time for independent research studies and in-depth study of concepts. This course is for students pursuing a 4-year college education.

Chemistry is also called the "General Science" as it plays an important role in connecting other fields of science including physics, astronomy, biology, and geology, to fields of study including medicine, engineering, and material sciences. This course investigates the nature and structure of matter, including the fundamental properties of elements, compounds, and mixtures. Chemical processes and reactions are observed and tested to understand how different parts of matter are united to form substances that exist in nature as well as the causes that alter their states. Students will learn through inquiry activities, group activities, laboratory experimentation, reading materials, interactive lectures, demonstration and problem solving. Students will be able to make practical application of chemical principles to many areas of life as they discover the orderly design of God's universe.

Chemistry is also called the "General Science" as it plays an important role in connecting other fields of science including physics, astronomy, biology, and geology, to fields of study including medicine, engineering, and material sciences. This course investigates the nature and structure of matter, including the fundamental properties of elements, compounds, and mixtures. Chemical processes and reactions are observed and tested to understand how different parts of matter are united to form substances that exist in nature as well as the causes that alter their states. Students will learn through inquiry activities, group activities, laboratory experimentation, reading materials, interactive lectures, demonstration and problem solving. Students will be able to make practical application of chemical principles to many areas of life and be in awe of God's creation. This course requires additional time for independent research studies and in-depth study of concepts. This course is for students pursuing a 4-year college education.

#### FORENSICS

Classification: GE Course ID: FORSCI Grade Level: 11, 12 Credits: 0.5 GPA Weight: 1 Elective: Yes Fees: None Length: Semester Prerequisites: C or higher in Biology

#### PSYCHOLOGY

Classification: GE Course ID: PSY101 Grade Level: 12 Credits: 0.5 GPA Weight: 1 Elective: No Fees: None Length: Full Year Prerequisites: None

# PHYSICAL SCIENCE

Classification: GE Course ID: PHYSCI Grade Level: 9 Credits: 1 GPA Weight: 1 Elective: No Fees: None Length: Full Year Prerequisites: None Forensic Science is the application of science (chemistry, physics, and biology) to the criminal and civil laws that are enforced by police agencies in a criminal justice system. It includes the investigation of God's uniquely designed biological and physical evidence such as fingerprinting, fiber analysis, ballistics, arson, DNA analysis, toxicology, blood spatter, and blood samples. Students are taught the proper collection, preservation, and laboratory analysis of various samples through the investigative process. Through case studies, students will discuss how the fall of man has led to the various criminal acts we see in today's society. Students will discuss ways to honor God and bring justice to his creation through the field of forensics.

Examination and application of major principles of psychology including: biological foundations, sensation and perception, learning and conditioning, human development, motivation and emotion, thinking, memory and intelligence, personality theories, stress and coping, social psychology, psychological disorders and their treatment.

The Physical Science curriculum is designed to continue student investigations of the physical sciences that began in grades K-8 and provide students with the necessary skills to have a richer knowledge base in physical science. This course is designed as a survey course of chemistry and physics. This curriculum includes the more abstract concepts such as the structure of atoms, properties of matter, chemical bonding, chemical reactions, motion and forces, and the conservation of energy. Students will investigate physical science concepts through experience in laboratories and unit projects involving engineering and the processes of inquiry. Through the understanding of the laws that govern our universe, we can appreciate God's creation and learn of God's character.

# PHYSICAL SCIENCE HONORS

Classification: GE Course ID: PHYSCIH Grade Level: 9 Credits: 1 GPA Weight: 1.1 Elective: No Fees: None Length: Full Year Prerequisites: None

# PHYSICS

Classification: GE Course ID: PHYS Grade Level: 11, 12 Credits: 1 GPA Weight: 1 Elective: No Fees: None Length: Full Year Prerequisites: B+ or above in Chemistry and Algebra 2. Pre-Calculus is Preferred. The Physical Science curriculum is designed to continue student investigations of the physical sciences that began in grades K-8 and provide students with the necessary skills to have a richer knowledge base in physical science. This course is designed as a survey course of chemistry and physics. This curriculum includes the more abstract concepts such as the structure of atoms, properties of matter, chemical bonding, chemical reactions, motion and forces, and the conservation of energy. Students will investigate physical science concepts through experience in laboratories and unit projects involving engineering and the processes of inquiry. Through the understanding of the laws that govern our universe, we can appreciate God's creation and learn of God's character. This course requires additional time for independent research studies and in-depth study of concepts. This course is for students pursuing a 4-year college education.

Students will become aware of the mathematical principles found in a world created by God. Students will study one- and two-dimensional motion, vectors forces, work, energy, momentum, collisions, gravitation, fluid mechanics, heat, thermodynamics, vibrations, waves, sound, light, electricity, and magnetism. Students will learn problem solving techniques that will prepare them for their college level physics class. These modeling and analysis techniques are not only valuable for the sciences, but for life's challenges as well. Laboratory experiences, hands-on demonstrations, and a variety of projects will be used to verify principles of physics learned.

# SOCIAL STUDIES

# AMERICAN GOVERNMENT

Classification: GE Course ID: GOV12 Grade Level: 11, 12 Credits: 0.5 GPA Weight: 1 Elective: No Fees: None Length: Semester Prerequisites: None This survey of American Government will acquaint the students with the basics of American politics. The course will include a comparative study of political systems, as well as consideration of the uniqueness of the American Republic, civil rights and responsibilities, the party system, the three branches of government, and the American electoral process. It will stress the importance of the Constitution and the events that led to its creation. Special consideration will also be given to current events.

# ANCIENT CIVILIZATIONS

Classification: GE Course ID: HIST9 Grade Level: 9 Credits: 1 GPA Weight: 1 Elective: No Fees: None Length: Full Year Prerequisites: None

#### THE COLD WAR ERA

Classification: GE Course ID: CIVWAR Grade Level: 11, 12 Credits: 0.5 GPA Weight: 1 Elective: Yes Fees: None Length: Full Year Prerequisites: None Ancient Civilizations begins with creation and continues through early civilizations, the development of empires, the Ancient Greeks and Romans, the Kingdoms of Africa, great civilizations in India and China, Islamic Civilizations and Empires, and the Rise of Medieval Europe. Students will read both primary and secondary sources and will participate in class discussions, historical inquiry, and group and individual presentations. Our historical study will seek to link ancient history themes to modern American and global developments, always filtered through a biblical worldview.

This course traces the fifty-year history of the Cold War from its origins in World War II to the fall of the Soviet Union in the 1990s. Students will learn how this ideological conflict between the Soviet Union and the United States was the animating force of many world events during this time period, such as the Vietnam War, Cuban Missile Crisis, and the Space Race. The class will also analyze key issues like the arms race, foreign aid, military intervention, international politics, and domestic reactions through the lens of a Cold War worldview. Course components will include lectures, readings from articles and book excerpts, class discussion, and a research project.

# CIVIL WAR AND RECONSTRUCTION

Classification: GE Course ID: CIVWAR Grade Level: 11, 12 Credits: 0.5 GPA Weight: 1 Elective: Yes Fees: None Length: Full Year Prerequisites: None

# **GLOBAL PERSPECTIVES**

Classification: GE Course ID: GLPR12 Grade Level: 11, 12 Credits: 0.5 GPA Weight: 1 Elective: No Fees: None Length: Semester Prerequisites: None This course will study in detail the causes, progression, and aftermath of the U.S. Civil War and the Reconstruction period. While a significant portion of this course will examine battles and battlefield technology, the major focus of this course will be on the human element. People are driven by ideas, and the Civil War was the greatest struggle of ideas this nation has ever known. Course components will include reading, class discussion, writing essays, and lectures.

Global Perspectives is a diverse course designed to address several topics of global significance. The course is taught through a thematic approach in that the curriculum will address the interdependence and impact nations have on each other. Areas of consideration are geography, demography, food, energy, environment, human rights and terrorism. Additionally, students will examine these themes as they played out over the last 30 years of world history and will apply these themes to their analysis of current events. This is a discussionintensive course in which students examine the long-reaching implications of international policy and the role Christianity (and the student as an individual) plays on the world stage.

# INTRODUCTION TO AMERICAN GOVERNMENT

Classification: DC Course ID: POL202 Grade Level: 11, 12 Credits: 1 GPA Weight: 1.2 Elective: No Fees: \$95 (optional) Length: Semester Prerequisites: C or above in previous History course This course includes both the study of general concepts used to interpret U.S. politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. politics. Students will become acquainted with a variety of theoretical perspectives and explanations for various behaviors and outcomes. Current political, legal, and government issues will be used to illustrate major points and refine the student's understanding. Students will be expected to write essays and provide current events presentations that demonstrate their understanding of various course concepts.

# INTRODUCTION TO PHILOSOPHY

Classification: GE Course ID: PHI201 Grade Level: 11, 12 Credits: 0.5 GPA Weight: 1 Elective: Yes Fees: None Length: Semester Prerequisites: None

# **U.S. HISTORY SURVEY**

Classification: GE Course ID: HIST11 Grade Level: 11 Credits: 1 GPA Weight: 1 Elective: No Fees: None Length: Full Year Prerequisites: None

# WORLD HISTORY

Classification: GE Course ID: HIST10 Grade Level: 10 Credits: 1 GPA Weight: 1 Elective: No Fees: None Length: Full Year Prerequisites: None This course is an introduction to the major classical problems contextualizing issues in philosophy and the relevance of these to the Christian faith. It will focus on major philosophical arguments within various worldviews and subsequently analyze them in light of a biblical worldview.

This survey of the U.S. begins with the early explorers and settlers and continues through the end of the Cold War. Topics for the course include colonization, the American Revolution, westward expansion, the Civil War, Industrialization, Progressivism, World War I, the 1920's, the Great Depression and the New Deal, World War II, the Post-War World, Equality and Social Reform, the Vietnam War, and modern presidencies. Contemporary and historical issues will be discussed in the light of a Christian worldview.

This course examines the many varied societies of the world by focusing on cultural developments from 1500 to present. Included in the study are the geography, history, economics and political institutions of Africa, Asia, Latin America and Europe. While the textbook continues to be the primary resource, students will gain additional experience with primary documents and other research materials when examining each topic. Assessments involving assisted and independent reading, research and writing will be incorporated into the curriculum.

WWII AND THE RISE OF U.S. INTELLIGENCE

Course ID: WWII Grade Level: 11,12 Credits: 0.5 GPA Weight: 1 Elective: Yes Fees: None Length: Semester Prerequisites: None

Classification: GE

This course evaluates American involvement with World War II and the need for active intelligence on the ground to combat the Nazi war machine. The complex political and military situation of the war is discussed, the human element of intelligence gathering, code breaking, and technological advances during this time are explored, as well as the groundwork that was laid for formalized American intelligence services that we have today. Controversial topics such as an individual's right to privacy, ethics in espionage, and the reach of governmental power (to name a few) are tackled and discussed from a biblical perspective.

# TECHNOLOGY EDUCATION

# ADVANCED COMPUTER

Classification: GE Course ID: ADCOM Grade Level: 11, 12 Credits: 0.5 GPA Weight: 1 Elective: Yes Fees: None Length: Semester Prerequisites: None

Students will explore programs such as Adobe Flash, Illustrator, or InDesign. Students will also learn to use video and photo editing tools such as Adobe Premiere, Picasa, Adobe Photoshop, and MovieMaker.

#### **AP COMPUTER SCIENCE PRINCIPLES**

Classification: AP Course ID: APCSP Grade Level: 11, 12 Credits: 1 GPA Weight: 1.2 Elective: Yes Fees: \$95 exam fee Length: Full Year Prerequisites: Instructor Approval

This course introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. The AP Program designed AP Computer Science Principles with the goal of creating leaders in computer science fields, attracting and engaging those who are traditionally underrepresented with essential computing tools and multidisciplinary opportunities.

Students taking this course are expected to take the AP exam in the spring.

### **COMPUTER APPLICATIONS**

Classification: GE Course ID: TBD Grade Level: 9 Credits: 0.5 GPA Weight: 1 Elective: Yes Fees: None Length: Semester Prerequisites: None

The Computer Applications course is designed to provide the skills needed in the use of both application software and Google apps on a computer. Applications covered include word processing, spreadsheets, databases, desktop publishing, the Internet, and Windows operating systems. This course prepares students with the fundamental knowledge to use either application software or Google apps for academic and vocational purposes.

# **DIGITAL DESIGN**

Classification: GE Course ID: COMP10 Grade Level: 10 Credits: 0.5 GPA Weight: 1 Elective: Yes Fees: None Length: Full Year Prerequisites: None In this course, students will learn skills necessary for enhancing and altering digital photographs and videos. Projects will include merging, blending, and layering images. These skills will then be applied in the desktop publishing phase of the course. Projects will be designed to incorporate student graphics and images.

Access to a digital camera is helpful, but not required.

#### **INTRO TO COMPUTER SCIENCE**

Classification: GE Course ID: COMP09 Grade Level: 9 Credits: 1 GPA Weight: 1 Elective: Yes Fees: None Length: Full Year Prerequisites: None

# WEB DESIGN

Classification: GE Course ID: WEBDE Grade Level: 11, 12 Credits: 0.5 GPA Weight: 1 Elective: Yes Fees: None Length: Semester Prerequisites: None

# YEARBOOK

Classification: GE Course ID: YRBK Grade Level: 9, 10, 11, 12 Credits: 0.5 GPA Weight: 1 Elective: Yes Fees: None Length: Full Year Prerequisites: None This course is a basic introduction to coding and advanced computer processing. Students will engage in logical thinking skills and algorithm design skills necessary for computer programming. The central languages introduced in this course are JavaScript, HTML, and VR A-Frame.

This course focuses on the development and design of web pages using HTML and CSS. Students will learn to use HTML tags in the design and publishing of web pages. In the second semester, this course focuses on learning Adobe Dreamweaver CSS tools to author web pages. Students will design and publish internal web pages.

In this class, students use business and creative skills to produce the annual school yearbook. Students are required to spend time outside of class taking photos, conducting interviews, and completing yearbook assignments.

Commitment to excellence, a strong work ethic, and follow-through are requirements for this course.

# WORLD LANGUAGES

#### **FRENCH 1**

Classification: GE Course ID: FRENC1 Grade Level: 9 Credits: 1 GPA Weight: 1 Elective: No Fees: None Length: Full Year Prerequisites: None

#### FRENCH 2

Classification: GE Course ID: FRENC2 Grade Level: 10 Credits: 1 GPA Weight: 1 Elective: No Fees: None Length: Full Year Prerequisites: C or above in French 1

# FRENCH 3

Classification: GE Course ID: FRENC3 Grade Level: 11 Credits: 1 GPA Weight: 1 Elective: No Fees: None Length: Full Year Prerequisites: C or above in French 2 The overall objectives of the French 1 course are to develop, reinforce, and refine proficiency in the three modes of communication. Through an essentially inductive approach, students will gain an understanding of how the language is structured and how they can use this knowledge to express their own needs and talk about the world around them. By developing and refining their skills of observation, students also acquire a basic understanding and appreciation of the diversity of cultures in the French - speaking world.

French II continues to develop basic concepts in French language and culture including French pronunciation, grammar, and culture. Students will enhance and further develop their use of French and a balanced development of all four skills: listening, speaking, reading, and writing. The importance of communication and cultural awareness is stressed through a wide variety of activities (group/pair work, video, audio recordings, computer assignments, etc.). This course is designed for students with one year of study of French language and culture to meet the Pennsylvania State Standards by further developing the four basic language competencies (reading, writing, speaking, and listening).

This course begins as a partial immersion class. After a grammar review, students continue to build their vocabulary, writing, reading, listening, and speaking abilities. Students learn how to utilize the preterit and imperfect and other past and future tenses, they will study direct and indirect object pronouns, idiomatic sentences and the present progressive. They will be French-only activities will be emphasized to facilitate further French future full immersion. Classroom discussions and written exams will use as much French as possible. Students also begin to develop an advanced appreciation for the French-speaking world through interactive group projects, music, geographical study, and cultural lessons.

# FRENCH 4

Classification: GE Course ID: FRENC4 Grade Level: 12 Credits: 1 GPA Weight: 1 Elective: No Fees: None Length: Full Year Prerequisites: C or above in French 3

# **SPANISH 1**

Classification: GE Course ID: SPAN1 Grade Level: 9 Credits: 1 GPA Weight: 1 Elective: No Fees: None Length: Full Year Prerequisites: None

#### **SPANISH 2**

Classification: GE Course ID: SPAN2 Grade Level: 10 Credits: 1 GPA Weight: 1 Elective: Yes Fees: None Length: Full Year Prerequisites: None

# **SPANISH 3**

Classification: GE Course ID: SPAN3 Grade Level: 11 Credits: 1 GPA Weight: 1 Elective: Yes Fees: None Length: Full Year Prerequisites: C or above in Spanish 2 French Language and Cultures will continue the exploration of the French language with an emphasis placed on written and oral expression. Students will review and utilize grammatical concepts from previous French language levels to perfect their oral and writing expression. They will study more complex sentences and start working with conditional tenses to give them the opportunity to produce detailed text and oral conversation. Students will also explore classical works of literature of the very rich French Literature. We will also overlook the history of France and its impact on the Francophone countries in the world. This course will be conducted for the most part in French to immerse the students.

Introductory oral and written activities encourage the student to begin feeling at ease and competent with Spanish pronunciation and vocabulary. Subsequent textbook, written, and oral work is designed to help students understand basic sentence structure, build vocabulary, and use these abilities for oral and written expression. A major goal of first-year grammar is the mastery of the present tense in appropriate vocabulary contexts, including all regular, and a few irregular, verbs, present and infinitive forms, and question words as a basis for speaking, reading, writing, and listening abilities.

Students will expand their knowledge of Spanish through the study of stem-changing present tense verbs, commands, and making comparisons as well as an introduction to the preterit tense. More advanced vocabulary, oral activities, and work on sentence structure in appropriate vocabulary contexts will help the student improve conversation, reading, writing, and listening skills. The student transitions to using Spanish as a tool rather than solely a grammatical study, which facilitates discussions in Spanish and easily builds vocabulary.

This course begins as a partial immersion class, leading to total immersion the 2<sup>nd</sup> half of the year. After a grammar review, students continue to build their vocabulary, writing, reading, listening, and speaking abilities. Students learn how to utilize the preterit and imperfect simultaneously as well as direct object pronouns, reflexive verbs, and the present progressive. Spanish-only projects and written assignments, as well as partner activities will be emphasized to facilitate further Spanish immersion. Students also begin to develop an advanced appreciation for the Spanish-speaking world through interactive group projects, music, geographical study, and cultural lessons.

# **SPANISH 4**

Classification: GE Course ID:SPAN4 Grade Level: 11,12 Credits: 1 GPA Weight: 1 Elective: Yes Fees: None Length: Full Year Prerequisites: C or above in Spanish 3 Spanish 4 is a total immersion course. Students will review and utilize grammatical concepts from previous Spanish language levels to perfect their oral expression. A continuation of grammatical study will include a review of the subjunctive tense, the perfect tenses, the future, and the conditional tense, as well as an introduction to the imperfect subjunctive. Students will also explore classical literature, critique poetry from spanish-speaking writers, read short stories. Specifically, as students prepare to travel to Guatemala, we will learn to share the gospel in Spanish and prepare to share personal testimonies in the target language.

# ADDITIONAL COURSES

# **BOOK IN COMMON**

Classification: GE Course ID: BIC Grade Level: 9-12 Credits: .5 GPA Weight: 1 Elective: Yes Fees: None Length: Full Year Prerequisites: None

# **CTC HALF-DAY**

Classification: GE Course ID: CTC-Half Grade Level: 11, 12 Credits: 3 GPA Weight: 1 Elective: No Fees: None Length: Full Year Prerequisites: None

# CTC FULL-DAY

Classification: GE Course ID: CTC-Full Grade Level: 12 Credits: 6.5 GPA Weight: 1 Elective: No Fees: None Length: Full Year Prerequisites: None The purpose of the Book In Common class is to foster a learning environment focused on the success of students to live, work, and lead at a level of excellence that honors Jesus Christ. Student will be challenged through the study of a variety of topics related to a biblical worldview.

This course fosters a sense of community through increased interaction among students, faculty, and staff by engaging students in interdisciplinary dialogue outside of the classroom.

This course is typically completed during the 11<sup>th</sup> grade, and will meet credits required for graduation. See the Career and Technology Center section of this guide for program options.

This course is typically completed during the 12<sup>th</sup> grade, and will meet credits required for graduation. See the Career and Technology Center section of this guide for program options.

# FAMILY AND CONSUMER SCIENCE (FACS)

Classification: GE Course ID: FACS Grade Level: 10, 11, 12 Credits: 0.5 GPA Weight: 1 Elective: No Fees: None Length: Full Year Prerequisites: None

# RISE

Classification: GE Course ID: RISE Grade Level: 9 Credits: 0.5 GPA Weight: 1 Elective: Yes Fees: None Length: Full Year Prerequisites: None

# SENIOR PROJECT

Classification: GE Course ID: SENPRO Grade Level: 12 Credits: 0.5 GPA Weight: 1 Elective: No Fees: None Length: Full Year Prerequisites: None Family and Consumer Sciences Education empowers individuals and families across the life span to manage the challenges relevant to living and working in a diverse global society. The relationship between work and family is our unique focus. Family and Consumer Sciences is a discipline composed of strong subject matter concentrations with a commitment to integration. Concepts covered in this course include meal planning and nutrition, baking and culinary, fundamentals of sewing, child development, and understanding relationships.

The RISE course is designed to help Freshmen successfully acclimate to the high school setting. This course provides students with information about learning support services, assistance with academic and career planning, and techniques to improve study habits and personal skills. Students will also examine the book Do Hard Things, which challenges teens to step out of their comfort zones, resisting cultural lies that limit their potential. The purpose of the book study is to foster a learning environment focused on the success of students to live, work, and lead at a level of excellence that honors Jesus Christ. Students will be challenged through the study of a variety of topics related to a biblical worldview. This course prepares students both personally and academically for an enriching high school experience.

This course offers time and resources to prepare for Senior Trip, provides resources and study in preparation for Senior Project, and allows students to meet with their SenPro advisors throughout the year in preparation for their SenPro Presentations and Defense.

This course is a graduation requirement.

# CONTACT INFORMATION

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