

LEGACY CHRISTIAN ACADEMY
UPPER SCHOOL



2019-2020
**COURSE
CATALOG**

BEYOND COLLEGE PREP

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Mission, Vision & Core Values

MISSION: Legacy Christian Academy develops strong leaders with biblical convictions who are equipped to succeed in college and beyond.

We accomplish this mission through a balanced approach that honors and upholds

- Challenging academics
- Robust fine arts
- Competitive athletics
- Positive mentoring relationships
- Covenant partnerships with Christian families

VISION: Legacy Christian Academy will be the school of choice for committed Christian families in North Texas who desire the best Christ-centered education for their children.

CORE VALUES: Legacy Christian Academy affirms these essential beliefs and strives to honor and uphold them in all aspects of school life.

- **Pursuit of Truth.** We affirm “all truth is God’s truth” through a liberal arts education that fosters a love for learning and a desire for wisdom. (*John 8:32: and you will know the truth, and the truth will set you free*)
- **Primacy of Scripture.** We teach all subjects from a biblical worldview and we apply the truth and authority of biblical principles in all situations. (*2 Timothy 3:16-17: All Scripture is breathed out by God and profitable for teaching, for reproof, for correction, and for training in righteousness, that the man of God may be complete, equipped for every good work.*)
- **Imago Dei.** We respect all people as individuals created in the image of God and we celebrate the diversity of gifts and callings. (*Genesis 1:26: Then God said, “Let us make man in our image, after our likeness.”*)
- **Covenant relationships.** We build relationships that foster mutual support, respect, and a commitment to promote the welfare of others. (*Philippians 2:3-4: Do nothing from selfish ambition or conceit, but in humility count others more significant than yourselves. Let each of you look not only to his own interests, but also to the interests of others*)
- **Discipleship.** We, as Christ-followers, are committed to a life of virtue and acting as agents in God’s plan of restoration. (*Matthew 16:24: Then Jesus told his disciples, if anyone would come after me, let him deny himself and take up his cross and follow me.*)
- **Servant-leadership.** We provide opportunities to serve one another, our community, and our world. (*Matthew 20:26-28: But whoever would be great among you must be your servant, and whoever would be first among you must be your slave, even as the Son of Man came not to be served but to serve, and to give his life as a ransom for many.*)

Academic Policies & Information

Grading Scale

All subjects taken throughout grades 9-12 are calculated using a 4.0 scale. For grades 9-12, semester grades in all Honors, AP classes and Dual Credit are given extra GPA weight due to the level of difficulty of these courses.

LETTER GRADE	NUMERICAL GRADE	REGULAR GPA	HONORS GPA	AP/Concurrent GPA
A+	98-100	4.00	4.50	5.00
A	93-97	3.75	4.25	4.75
A-	90-92	3.50	4.00	4.50
B+	87-89	3.25	3.75	4.25
B	83-86	3.00	3.50	4.00
B-	80-82	2.75	3.25	3.75
C+	77-79	2.50	3.00	3.50
C	73-76	2.25	2.75	3.25
C-	70-72	2.00	2.50	3.00
FAILING	0-69	0.00	0.00	0.00

Only grades earned at Legacy Christian Academy are included in the GPA. GPA is calculated on the above scale with weighting for Honors classes and AP classes. Because we encourage our students to take honors and AP courses, and because we feel that the difficulty level of these courses is substantially higher than other courses, we believe that weighting is appropriate. Consequently, we do not provide an unweighted GPA.

Class Format Types

Classes at LCA are categorized into four unique formats. The default format of a listed class is "Standard." Other formats are clearly indicated in the course description. See information on the various formats below:

1. **Standard** – One LCA teacher on campus instructing in a class room with class-wide pacing. All students in the room are taking the same class at the same pace.
2. **Blended** – One LCA teacher on campus instructing in a class room with student-specific pacing. Students in the room may be taking different classes in a similar field. Much of the curriculum is on-line and may be self-paced. Students are free to work ahead should they desire.
3. **Online** – A student at LCA will be in an online learning environment with an off-campus/online instructor. Students may be in the class from various other schools across the country/world. Some of these classes will be independent study while others which include multiple LCA students may have a facilitator on campus.
4. **Independent/Internship Study** – Students working independently to study a subject, topic or career. Students will be assigned a mentor to facilitate the study and provide guidance oversight over the learning.

Head of School Honors List

Students at LCA who receive all A's (unweighted) for the entire school year will be recognized by the Head of School and named to the **Head of School Honors List**. The list will be published in June.

Course Availability

Courses listed are subject to course minimums and scheduling restrictions. In the event that a course does not receive the minimum required number of students or a course cannot be worked into a student's non-core class schedule, an alternate selection may be substituted. All pre-requisites for a course must be met in order to be enrolled. This includes minimal grades in pre-requisite courses as well as teacher recommendations and or applications where noted. A student or parent may request an enrollment appeal to the administration in writing. Appeals are contingent upon an open spot being available for an additional student.

While every effort is made to enroll students in their first choice, not all students will receive first choice. Priority is given to students with the best academic record in pre-requisite classes. Grades and norm-standard tests are used to determine eligibility in competitive enrollment situations.

GPA AND CLASS RANK POLICIES & INFORMATION FOR 2019-2020

Grade Point Average – LCA calculates a student’s GPA at the end of each year, based on final semester grades. A seventh-semester GPA is available in the middle of the senior year. Only grades earned at Legacy Christian Academy starting in 9th Grade are included in the GPA. GPA is calculated on the above scale with weighting for Honors classes and Concurrent Enrollment /AP classes. LCA encourages students to take advanced courses, and because the difficulty level of these courses is substantially higher than other courses, we believe that weighting is appropriate. Consequently, LCA does not provide an unweighted GPA.

Ranking Policy – Legacy Christian Academy does not publish a complete ranking of students. A student’s class rank will not be calculated or reported except for the top 10 percent of a given class to meet the requirements of Texas House Bill 588. At the end of a student’s Junior year, a top 10 percent report will be calculated for college admissions. Those students in the top 10 percent will be notified and have the official ranking printed on their transcript. No other rankings will be disclosed. In the case of a tie for the top 10 percent, grade point averages shall be calculated to the number of decimal places needed to break the tie. Final senior ranking for the top 10 percent shall be determined at the end of the student’s senior year. The calculation for class rank for the top ten percent is based on the weighted GPA for each semester of courses taken only at LCA starting in 9th grade. A student will not be included in the top ten percent class rank calculation until they have completed a minimum of three semesters at Legacy Christian Academy.

Valedictorian and Salutatorian – To be eligible to graduate with valedictory or salutatory honors, a student shall: (a) have the highest or second highest cumulative grade-point average, (b) have attended LCA for 3 years immediately preceding graduation, (c) have completed the school’s graduation plan.

“Highest Ranking Graduate” Texas Program – To be eligible for the official “Highest Ranking Graduate” Texas Program, a student shall: (a) be a Texas resident, nonresident, or foreign student, (b) graduate from an accredited high school in the State of Texas, (c) be the “Highest Ranking Graduate” based on LCA policy. Legacy policy dictates that only the Valedictorian be considered our “Highest Ranking Graduate” Texas Program Recipient. To be considered the “Highest Ranking Graduate” for Legacy Christian Academy the student must meet the requirements and be officially named as the Valedictorian for Legacy. Transfer students who do not fulfill the requirements for Valedictorian consideration will not be eligible regardless of their GPA.

Graduation Requirements

Before being awarded a high school diploma from LCA, a student must:

1. Complete all Legacy Christian Academy high school core requirements (22 credits);
2. Choose a professional school and complete the chosen school requirements (5 credits);
3. Have a minimum cumulative grade point average of at least 2.00 on a 4.00 scale;
4. Have met all non-curricular requirements required of Legacy Christian Academy students;
5. Receive the approval of the Head of School upon recommendation from the Upper School Principal on behalf of the faculty.

CORE SUBJECT	CREDITS	PROFESSIONAL SCHOOL SUBJECT	CREDITS
English	4	Biblical Worldview	1
Math	4	Foundation Class	1
Science	4	Concentration Class	2
Bible	3	Practicum	1
History	3		
World Languages	2		
Fine Arts	1		
PE or Equivalent	1		
TOTAL CORE	22	TOTAL PROFESSIONAL SCHOOLS	5

Graduation Honors Designation

- Honors Recognition for graduates will be determined by weighted GPA for Legacy Christian Academy classes only. See chart below.

HONORS LEVEL	REQUIRED GPA (WEIGHTED)
Cum Laude	3.50 – 3.74
Magna Cum Laude	3.75 – 3.99
Summa Cum Laude	4.0 +

College Credit Courses

LCA offers a robust number of college credit opportunities while still in high school. These courses are a blend of Advanced Placement and Concurrent Enrollment through accredited universities. In total, LCA makes over 50 hours of college credit available to its students and families. AP students and dual-enrollment students must sit for the AP exam and dual-credit final exams. Failure to sit for a required exam will result in a 10% reduction in the overall 2nd semester LCA grade of the AP course or a zero on the final of the dual-credit course.

The anticipated fees for 2019-20 are as follows:

- AP Exam Fee - \$95 per exam
- John Brown (JBU) Fee - \$110 per credit hour
- LaTourneau University (LETU) Fee - \$90 per credit hour

Concurrent Course Enrollment Requirement per Institution:

- LaTourneau University: Jr/Sr with a 3.0 GPA (on a 4.0 unweighted scale)
- John Brown University: Jr/Sr with a 3.0 GPA (on a 4.0 unweighted scale) and 20 ACT composite

For specific course requirements, see course descriptions in the catalogue.

Math:

1. AP Calculus AB* - 2 Semesters (1 credit - weighted)
2. MTH 1113 College Algebra# — 2 Semesters (1 high school math credit - weighted, 3 hours of JBU credit)
3. MTH 1123 Survey of Calculus# - 2 Semester (1 high school math credit - weighted, 3 hours of JBU credit)

Science:

4. AP Physics I* - 2 Semesters (1 credit - weighted)
5. AP Biology* - 2 Semesters (1 credit - weighted)
6. AP Chemistry* - 2 Semesters (1 credit - weighted)

English:

7. EGL 1013 English I: Composition# - 2 semesters (1.0 high school English credit - weighted, 3 hours of JBU credit)
8. EGL 1023 English II: Literary Analysis & Research# - 2 semesters (1.0 high school English credit - weighted, 3 hours of JBU credit)

Social Studies:

9. HST 2113: US History to 1865#—1 semester (0.5 high school history credit-weighted, 3 hours of JBU credit)
10. HST 2123: US History since 1865#—1 semester (0.5 high school history credit-weighted, 3 hours of JBU credit)
11. POLS 2501: US Government#+ - 1 semester (0.5 high school history credit-weighted, 3 hours of LETU credit)
12. ECON 2103: Macroeconomics#+ - 1 semester (0.5 high school history credit-weighted, 3 hours of LETU credit)

World Languages:

13. AP Spanish Language* - 2 Semesters (1 credit - weighted)
14. AP Latin* - 2 Semesters (1 credit - weighted)

Fine Arts:

15. AP Studio Art I* - 2 Semesters (1 Fine Arts Credit - weighted)

Technology:

16. AP Computer Science Principles*- 2 semesters (1 elective credit - weighted)
 17. COSC 1303: Computer Science I#+ - 1 semester (0.5 high school history credit-weighted, 3 hours of LETU credit)
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Key:

* Contingent upon exam score and transfer of credit

Contingent upon passage of course and transfer of credit

+ Online Course

New for 2019-2020 School Year

**UPPER SCHOOL COURSE SEQUENCE & OPTIONS
2019-2020**

	9 th Grade	10 th Grade	11 th Grade	12 th Grade
Department Offerings				
English 4 credits	English I Honors English I	English II Honors English II	English III JBU 1013 Composition	English IV JBU 1013 Composition JBU 1023 Lit. Analysis
Mathematics 4 credits (Algebra I, Geometry, Algebra II required)	Algebra I Geometry Honors Geometry	Geometry Algebra II Honors Algebra II	Algebra II Honors Algebra II College Algebra JBU College Algebra Pre-Cal, Honors Pre- Cal Financial Algebra	JBU College Algebra College Algebra, Pre-Cal Honors Pre-Cal Financial Algebra Statistics, JBU Calculus, AP Calculus AB
Science 4 credits (Biology, Chemistry, Physics required)	Biology Honors Biology	Chemistry Honors Chemistry	Physics, Honors Physics Anatomy AP Biology, AP Chemistry	Anatomy Honors Engineering AP Biology AP Chemistry, AP Physics
Bible & History 6 credits	Ancient World History & Theology Honors AH & Theology	Worldviews	Apologetics Honors Apologetics	
		Modern World History & Theology Honors Modern World History & Theology	US History JBU US History	Government & Economics LETU US Government LETU Macroeconomics
Foreign Language 2 credits	Spanish I, Spanish II Honors Spanish II, Latin I Latin II, Honors Latin II	Honors Spanish II, Latin II Honors Latin II, Honors Spanish III, Honors Latin III	Honors Spanish III Honors Spanish IV Honors Latin III AP Latin	AP Spanish
Fine Arts 1 credit	Art, Band, Choir, Theatre, Tech Theatre, Digital Design			
Professional School Offerings & Electives				
Biblical Worldview	Servant Leadership, Faith & Science, The Christian Mind, Christian Perspective on the Arts			
Business	Business Foundations, Business Management, Communications, Sr. Capstone			
Medicine	Intro to Health Science, Sr. Capstone			
Engineering & Tech	Computer Science, Honors Computer Science, Robotics, LETU Computer Science, Game Design, Information Technology, Sr. Capstone			
Humanities	Survey of Law and Politics, Principles of Learning & Evangelism, Sr. Capstone			
Fine Arts	Honors Art, honors Band, Honors Choir, Honors Theater, Sr. Capstone			
Non- Departmental	Worship Arts, Yearbook, Journalism, Photography, Digital Citizenship, Science Lab Aid, Office Aid, Early Ed Aid, Communications Aid			

PROFESSIONAL SCHOOL PATHWAYS

SCHOOL OF BUSINESS

Professional Core – 2 credit classes required for every concentration

- A. Servant Leadership (Biblical Worldview)
- B. Business Foundations

Concentration - Entrepreneurship & Management (3 Credits)

1. Business Management
2. Financial Algebra
3. Practicum – Internship, Capstone Project, etc.

Concentration – Finance & Accounting (3 Credits)

1. Financial Algebra
2. Statistics
3. Practicum – Internship, Capstone Project, etc.

Concentration – Communications & Marketing (3 Credits)

1. Communications
2. Business Management
3. Practicum – Internship, Capstone Project, etc.

Concentration – Interdisciplinary (3 Credits)

1. 3 Elective Credits
2. No Practicum required
3. School of Business Elective can replace Business Foundations

SCHOOL OF MEDICINE

Professional Core – 2 Credit Classes required for every concentration

- A. Faith & Science (Biblical Worldview)
- B. 5th Math

Concentration – Health Sciences (3 Credits)

1. Intro to Health Science
2. AP Biology or AP Chemistry
3. Practicum – Internship, Capstone Project, etc.
 - a. 4th Science must be Honors Anatomy
 - b. 5th Math must be Statistics, Pre-Calculus, or Calculus

Concentration – Pre-Med (3 Credits)

1. AP Biology
2. AP Chemistry
3. Practicum – Internship, Capstone Project, etc.
 - a. 4th Science must be Honors Anatomy
 - b. 5th Math must be Statistics or Calculus

Concentration – Interdisciplinary (3 Credits)

1. 3 Elective Credits
2. No Practicum required
3. School of Medicine Elective can replace a 5th Math

SCHOOL OF ENGINEERING & TECHNOLOGY

Professional Core – 2 credit classes required for every concentration

- A. Faith & Science (Biblical Worldview)
- B. 5th Math

Concentration – Engineering (3 Credits)

1. Honors Engineering
2. Computer Science Elective
3. Practicum – Internship, Capstone Project, etc.
 - a. 4th Science must be AP Physics and 5th Math must be Survey of Calculus or higher

Concentration – Computer Science (3 Credits)

1. AP Computer Science
2. Computer Science Elective
3. Practicum – Internship, Capstone Project, etc.
 - a. 5th Math must be Pre-Calculus or higher

Concentration – Interdisciplinary (3 Credits)

1. 3 Elective Credits
2. No Practicum required
3. School of Engineering & Technology Elective can replace a 5th Math

SCHOOL OF HUMANITIES

Professional Core – 2 credit classes required for every concentration

- A. The Christian Mind (Biblical Worldview)
- B. Foreign Language – 3rd Year

Concentration – Ministry & Education (3 Credits)

1. Servant Leadership
2. Principles of Learning & Evangelism
3. Practicum – Internship, Capstone Project, etc.

Concentration – Law & Political Science (3 Credits)

1. Servant Leadership
2. Survey of Law and Politics
3. Practicum – Internship, Capstone Project, etc.

Concentration – Scholarship (3 Credits)

1. Foreign Language – 4th year
2. Humanities Elective
3. Practicum – Internship, Capstone Project, etc.

Concentration – Interdisciplinary (3 Credits)

1. 3 Elective Credits
2. No Practicum required
3. School of Humanities Elective can replace a 3rd year of Foreign Language

SCHOOL OF FINE ARTS

Professional Core – 2 credit classes required for every concentration

- A. Christian Perspective on the Arts (Biblical Worldview)
- B. Fine Art – Year 2

Concentration – Performing Arts (3 Credits)

1. Performing Art – Year 3
2. Honors Performing Art – Year 4
3. Practicum – Internship, Capstone Project, etc.

Concentration – Visual Arts (3 Credits)

1. Honors Visual Art – Year 3
2. AP Visual Art – Year 4
3. Practicum – Internship, Capstone Project, etc.

Concentration – Interdisciplinary (3 Credits)

1. Fine Art – Year 3
2. Fine Art – Year 4
3. Elective

MATHEMATICS

Eight Semesters (4 Credits) of Math are required for Graduation
Algebra I, Geometry, and Algebra II are required

ALGEBRA I (9TH)

Two Semester Course Credit: 1.0

Algebra 1 will provide a mathematical foundation that will be used in all higher-level math classes. This class develops algebraic skills and concepts to use in a wide variety of problem-solving situations. Students examine operations with real numbers, linear equations and inequalities, relations and functions, polynomials, exponents, and radicals.

GEOMETRY (9TH – 10TH)

Two Semester Course Credit: 1.0

Prerequisite: Algebra I

This course is designed to emphasize the study of the properties and applications of common geometric figures in two and three dimensions. It includes the study of transformations, circles and right triangle trigonometry. Inductive and deductive thinking skills are used for problem solving and real-world applications. Theorems and postulates will be used to create formal two-column proofs. The study of perimeter, area, surface area and volume will also be included.

HONORS GEOMETRY (9TH – 10TH)

Two Semester Course Credit: 1.0

Prerequisite: 90% average in Algebra I or teacher recommendation

This course is designed to emphasize the study of the properties and applications of common geometric figures in two and three dimensions. It includes the study of transformations, circles and right triangle trigonometry. Inductive and deductive thinking skills are used for problem solving and real-world applications. Theorems and postulates will be used to create formal two-column proofs. The study of perimeter, area, surface area and volume will also be included. Honors Geometry covers Law of Sines and Cosines, uses higher level algebra concepts and does an in-depth study of 2 column proofs.

ALGEBRA II (10TH – 11TH)

Two Semester Course Credit: 1.0

Prerequisite: Algebra I & Geometry

Algebra II applies the foundations learned in Algebra 1 and Geometry by studying operations of all real and imaginary numbers. Students examine equations and functions including: linear, quadratic, power, logarithmic and exponential. It also covers complex radical and absolute value equations, direct or inverse variation, and matrices.

HONORS ALGEBRA II (10TH – 11TH)

Two Semester Course Credit: 1.0

Prerequisite: Algebra I & Geometry with a 90% average or teacher recommendation

Honors Algebra II applies the foundations learned in Algebra I and Geometry by studying operations of all real and imaginary numbers. Students examine equations and functions including: linear, quadratic, power, logarithmic and exponential. It also covers complex radical and absolute value equations, direct or inverse variation and matrices. Honors Algebra II uses a multi-representational approach to each topic by looking at functions and problems from a graphing, analytical, numerical and verbal perspective. The pace and depth of study will be greater for Honors than regular Algebra II.

ADVANCED ALGEBRA with FINANCIAL APPLICATIONS (11TH – 12TH)

Two Semester Course Credit: 1.0

Prerequisite: Algebra II

This course takes the algebra skills that each student has gained and applies them to the personal financial uses that everyone faces throughout their lifetime. This is a course that applies the mathematics to financial life skills. Topics to be covered are: banking services, employment, consumer credit, auto ownership, income taxes, the stock market, retirement and budget writing. The course uses many advanced algebra skills such as: radicals, quadratics, logarithms, linear functions, functional regressions, trigonometry, ratios, proportions, percent, systems of equations, probability, metric system and matrix mathematics. It is a course of advanced algebra applied to real world personal finance.

COLLEGE ALGEBRA (11TH – 12TH)

Two Semester Course Credit: 1.0

Prerequisite: Algebra II

College Algebra continues the development of Algebra II skills and prepares the student for Pre-Calculus or College level mathematics. Topics will include Polynomial, Rational, Quadratic, Exponential and Logarithmic Functions, Sequences, Series and Probability. The course will focus on the applications of these functions.

JBU COLLEGE ALGEBRA – Dual Credit (11TH – 12TH)

3 COLLEGE CREDIT HOURS COURSE - JOHN BROWN UNIVERSITY

Two Semester Course Credit: 1.0

Prerequisite: Algebra II and an ACT Math score of at least a 19 for JBU credit

Topics include solving equation and systems of equations, functions and graphing, complex numbers, inequalities, logarithms, exponentials, sequences, series, mathematical induction, and the binomial theorem. This class can be taken for college credit with an ACT Math score of at least a 19. Upon successful completion of the course the student will earn 3 college credit hours from John Brown University for MTH 1113: College Algebra.

HONORS PRE-CALCULUS (11TH – 12TH)

Two Semester Course Credit: 1.0

Prerequisite: Honors Algebra II with a 90% average or teacher recommendation

Honors Pre-Calculus and Trigonometry is designed for students who are juniors and are planning to take AP Calculus AB during their senior year. The course includes an in-depth study of trigonometric, polynomial, rational, radical, conical and logarithmic functions. The course will also look at sequence, series and probability. It will include an introduction to Calculus by the study of limits.

INTRODUCTION TO STATISTICS (12TH)

Two Semester Course Credit: 1.0



Prerequisite: Past completion of or current enrollment in Financial Algebra, College Algebra, and/or Pre-Calculus

A course to give students an understanding of the concepts of statistics and tools to become critical readers of current issues involving quantitative data. Applications of the use of data from a wide variety of professions, public policy, and everyday life are made. The course focuses on methods of producing data, organizing data, and drawing conclusions from data. Topics include descriptive statistics, frequency distributions, correlation, regression, inference, and significance. Technology including the use Excel spreadsheets will be included.

JBU SURVEY OF CALCULUS – Dual Credit (12TH)

3 COLLEGE CREDIT HOURS COURSE (MTH 1123: Survey of Calculus)

Two Semester Course Credit: 1.0

Prerequisite: "B" Average in Honors Pre-Calculus / JBU requires an ACT of 24 to earn college credit.

Survey of Calculus is an introduction to the concepts of differential and integral calculus. Students will learn both math theory and practical application. An emphasis is placed on applied problems in the areas of physical science, life science, social science and business. Upon successful completion of the course the student will earn 3 college credit hours from John Brown University for *MTH 1123: Survey of Calculus*.

AP CALCULUS AB (12TH)

Two Semester Course Credit: 1.0

Prerequisite: Honors-Pre-Calculus with a 90% average or teacher recommendation

This course is for students who wish to earn four hours of college credit in Calculus by taking the AP exam offered in May. The course follows the guidelines of the College Board. Topics include limits, continuity, derivatives, integrals and their applications. Topics will be studied from a multi-representational approach to Calculus, with concepts, results and problems being expressed graphically, numerically, analytically and verbally. College Credit could possibly be earned by AP testing.

SCIENCE

**Eight Semesters (4 Credits) of Science are required for Graduation
Biology, Chemistry, & Physics are required**

BIOLOGY (9TH)

Two Semester Course Credit: 1.0

Biology provides students with a multitude of pathways to explore the fascinating world of life and understand its fundamental concepts and processes. With extensive laboratory experiences, students will have continuous exposure to the scientific method, while learning proper laboratory techniques and dissection procedures. The content of this course includes chemistry of life, cell biology, DNA technology, genetics, ecology, evolution/creation, microbiology, classification of organisms, plants, invertebrate /vertebrate zoology, and an overview of the human body systems. Throughout the course, students will be equipped to defend their faith in creation by developing a thorough understanding of the living creation and of the fallacies of evolutionary theory. Students will acquire both an understanding and appreciation of the marvelous study of life and the intricacies, processes, and systems of the world in which God has created. Students are expected to be active participants in discussions, investigations, and collaborative teamwork.

HONORS BIOLOGY (9TH)

Two Semester Course Credit: 1.0

Prerequisite: 85% or higher in previous science course and a teacher recommendation.

Honors Biology provides students with a multitude of pathways to explore the fascinating world of life and understand its fundamental concepts and processes. With extensive laboratory experiences, students will have continuous exposure to the scientific method, while learning proper laboratory techniques and dissection procedures. The content of this course includes chemistry of life, cell biology, DNA technology, genetics, ecology, evolution/creation, microbiology, classification of organisms, plants, invertebrate /vertebrate zoology, and an overview of the human body systems. Throughout the course, students will be equipped to defend their faith of creation by developing a thorough understanding of the living creation and of the fallacies of evolutionary theory. This course will serve as a foundation for future biological courses including AP Biology and Human Anatomy and Physiology. The depth of coverage for these given topics will be extensive and require critically thinking and application. The Honors course assumes a high level of independence as well as academic ability.

CHEMISTRY (10TH)

Two Semester Course Credit: 1.0

In Chemistry, students will apply the scientific method as they are introduced to the fundamental chemical nature of all reality. The course will demonstrate that the extremely complex nature of matter is the result of special creative design rather than cosmic chance. Students will explore chemistry as it is applied in everyday life scenarios. Students will develop skills pertaining to design, implementation, and communication of scientific investigation. This course will help create in students a desire to understand the very fundamental composition of all things. Most of all students will develop a sense of personal worth before a compassionate and infinite creator.

HONORS CHEMISTRY (10TH)

Two Semester Course Credit: 1.0

Prerequisite: 90% or higher in Biology, 85% or higher in Honors Biology and a Science teacher recommendation.

In Honors Chemistry students will apply the scientific method as they are introduced to the fundamental chemical nature of all reality. The course will demonstrate that the extremely complex nature of matter is the result of special creative design rather than cosmic chance. Students will develop skills pertaining to design, implementation, and communication of scientific investigation. Honors chemistry is the student's first substantial exposure to math-integrated science. Intensive word problems demand application of previously taught math principles. This course will help create in students a desire to understand the very fundamental composition of all things. Most of all students will develop a sense of personal worth before a compassionate and infinite creator. Honors students are challenged to demonstrate application, synthesis, and evaluation in preparation for advanced studies in science.

FAITH & SCIENCE: SCIENTIFIC INVESTIGATIONS (BWV COURSE FOR SCIENCE CREDIT) (10TH – 12TH)

Required Two Semester Course for School of Medicine and School of Engineering and Technology Credit: 1.0

A course designed to assist students in developing an integrated view of faith and science. Topics are selected from fundamentals of the Christian faith, history of science, nature of science, discovering God in the physical universe, creation of life, evolution of life, science in philosophy and theology, science and culture, and images of man.

PHYSICS (11TH – 12TH)

Two Semester Course Credit: 1.0

Prerequisite: Successful completion of Geometry and concurrent enrollment in Algebra II or higher

Physics examines the science of matter and energy and their relationship. Topics include principles of sound and light, electricity, magnetism, gravitation, and general mechanics of motion. This course is lab intensive and designed to provide the student with extensive “hands-on” opportunities to do and experience physics. Students are encouraged to seek to understand both the precision and the principles of design that are found throughout God’s creation.

HONORS PHYSICS (11TH – 12TH)

Two Semester Course Credit: 1.0

Prerequisite: Honors Algebra II and concurrent enrollment in Honors Pre-Calculus

Honors Physics examines the science of matter and energy and their relationship. Topics include principles of sound and light, electricity, magnetism, gravitation, and general mechanics of motion. While this course is also lab intensive, Honors physics is designed to provide a more rigorous mathematical development of physics principles than the regular physics class. Students will be challenged to fully understand the conceptual laws introduced in the course and apply that understanding in problem solving and analysis. Students are encouraged to seek to understand both the precision and the principles of design that are found throughout God’s creation.

HONORS ANATOMY & PHYSIOLOGY (11TH – 12TH)

Two Semester Course Credit: 1.0

Essential principles of human anatomy and physiology are presented, including basic chemistry, mechanisms for maintaining homeostasis, cell and tissue studies, and an overview of all the body systems. The course is designed for those students wanting a depth of understanding in the structure and function of the miraculous human body. Collaborative teamwork, presentations, and laboratory studies are an integral part of the course. All students are required to complete assigned class work and homework, to be prepared for labs and to participate in class discussions and activities. Highlights of the course include: The planning, coordinating and implementation of an elementary health fair as well as First Aid and CPR certification.

HONORS ENGINEERING (12TH)

Two Semester Course Credit: 1.0

Prerequisite: Honors Physics and Honors Pre-Calculus

Honors Engineering introduces students to: aeronautical and astronautical engineering, architectural and structural engineering, electrical, mechanical, and power engineering. Major projects include model rocket design and flight, designing and building a model skyscraper with a working elevator, building a robot, and designing a model power plant. Students will develop a sense of what engineers do and how engineers benefit our society through the lens of a Christian perspective.

INTRO TO HEALTH SCIENCE (10TH – 12TH)

Two Semester Course Credit: 1.0



Required Course for Health Science Concentration

This course provides an overview of health careers and overriding principles central to all health professions. Students will examine anatomy, physiology and disease development, privacy, ethics, and safety in health care. They will also explore science and technology in human health, and learn the communication skills and teamwork needed in the healthcare environment. Students will also be introduced to medical terminology and healthcare vocabulary currently used in the practice of medicine.

AP PHYSICS (11TH – 12TH)

Two Semester Course Credit: 1.0

Prerequisite: 85% or higher in Honors Pre-Calculus and teacher recommendation

AP Physics is equivalent to a first-semester college physics course. Use of a college textbook, challenging labs, and a rapid progression through the curriculum optimally prepare the student for the AP Physics Exam in May. Lab activities, an essential portion of the course, demand teamwork, problem-solving skills and well-developed lab reports. Facility in working complex word problems requires extensive homework and rigorous, time-sensitive testing. AP Physics is a mathematically intensive course that provides a foundation in mechanics, energy, waves, and electricity.

AP BIOLOGY (11TH – 12TH)

Two Semester Course Credit: 1.0

Prerequisite: 85% or higher in Honors Biology (9th) or Honors Chemistry (10th) and a teacher recommendation

AP Biology is designed to be on the same level of a college introductory biology class. It will include lab work, field work, and several research projects. Since the nature of the course is college prep, the tests and assignments will be more demanding than a normal high school course. Extra time and effort will be expected if the student is to do well. We will cover the primary illustrated unifying themes of biology as laid out by the College Board which they refer to as the 'Big Ideas'. The students will be taught careful lab techniques, and how to investigate them and think critically about the topic at hand. The policies of this course are implemented nationally through the College Board AP program. All students are required to take the AP exam in May. All science courses at Legacy Christian Academy are designed to enrich the student's understanding and appreciation of the glorious universe that God has created. This allows our students to use that understanding of how it all works together to further His kingdom and express His glory through their own lives. AP Biology allows our students to dive deeper into the knowledge of this wonderful creation and to ask relevant questions that spark imagination and creativity in their ability to share Biblically based information about this world and our purpose in it.

AP CHEMISTRY (11th – 12th)

Two Semester Course Credit: 1.0

Prerequisite: 85% or higher in Honors Chemistry (10th) and a teacher recommendation

The AP Chemistry course provides students with a foundation to support future advanced coursework in chemistry. Through inquiry-based learning, students develop critical thinking and reasoning skills. Students cultivate their understanding of chemistry and science practices as they explore topics such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. The key concepts and related content that define the AP Chemistry course and exam are organized around underlying principles called the Big Ideas. They encompass core scientific principles, theories, and processes that cut across traditional boundaries and provide a broad way of thinking about the particulate nature of matter underlying the observations students make about the physical world. All science courses at Legacy Christian Academy are designed to enrich the student's understanding and appreciation of the glorious universe that God has created. This allows our students to use that understanding of how it all works together to further His kingdom and express His glory through their own lives. AP Chemistry allows our students to dive deeper into the knowledge of this wonderful creation and to ask relevant questions that spark imagination and creativity in their ability to share Biblically based information about this world and our purpose in it.

ENGLISH

Eight Semesters (4 Credits) of English are required for Graduation

ENGLISH I (9TH)

Two Semester Course Credit: 1.0

English I provides a foundation of literary study that will engage students in the narrative discussion preparing them for college and beyond. Students will read a variety of genres from various time periods including *The Odyssey* (Homer), *A Midsummer Night's Dream* (Shakespeare), *Fahrenheit 451* (Bradbury), *Frankenstein*, and *Lord of the Flies* (Golding). In addition students will read a selection of short stories nonfiction pieces, and poetry. A variety of writing assignments, presentations, and vocabulary study will also be studied. The required summer reading will be announced and posted on the LCA website in May.

HONORS ENGLISH I (9TH)

Two Semester Course Credit: 1.0

Prerequisite: 90% or higher in 8th grade English; teacher recommendation

Honors English I provides a foundation of literary study that will engage students in the narrative discussion preparing them for college and beyond. Students will read a variety of genres from various time periods including *The Odyssey* (Homer), *A Midsummer Night's Dream* (Shakespeare), *Fahrenheit 451* (Bradbury), *Frankenstein*, and *Lord of the Flies* (Golding). In addition students will read a selection of short stories nonfiction pieces, and poetry. A variety of writing assignments, presentations, and vocabulary study will also be studied. Honors students will read additional selections, taking a more in-depth and analytical approach to rhetorical analysis while writing under more demanding standards. The required summer reading will be announced and posted on the LCA website in May.

ENGLISH II (10TH)

Two Semester Course Credit: 1.0

Prerequisite: English I

English II introduces and connects students with the great works that have shaped the literature of Western civilization from the 14th century to modern day, including *Paradise Lost* (Milton), *The Canterbury Tales*, *Oliver Twist* (Charles Dickens), *Pride and Prejudice* (Austen), *Doll's House* (Henrik Ibsen), *Cry, The Beloved Country* (Alan Paton), and poetry. Students will participate in an extensive research paper.

HONORS ENGLISH II (10TH)

Two Semester Course Credit: 1.0

Prerequisite: 90% or higher in English I; teacher recommendation

English II Honors introduces and connects students with the great works that have shaped the literature of Western civilization from the 14th century to modern day, including *Paradise Lost* (Milton), *The Canterbury Tales*, *Oliver Twist* (Dickens), *Pride and Prejudice* (Austen), *Doll's House* (Ibsen), *Cry, The Beloved Country* (Paton), and poetry. In addition, Honors students will read *Les Miserables* (Hugo) and *Their Eyes Were Watching God* (Hurston). Students will participate in an extensive research paper. Honors students will take a more in-depth and analytical approach of rhetorical analysis through various types of literature. Intensive vocabulary study will also be included in this class.

ENGLISH III (11TH)

Two Semester Course Credit: 1.0

Prerequisite: English II

In English III, students read extensively from American Literature, including *The Scarlett Letter* (Hawthorne), *Incidents in the Life of a Slave Girl* (Jacobs), an excerpt from *Narrative of the Life of Frederick Douglass* (Douglass), *Huckleberry Finn* (Twain), *The Old Man and The Sea* (Hemingway), *The Great Gatsby* (Fitzgerald), and *The Crucible* (Miller). Reading also includes nonfiction texts, essays, historical documents, poetry, and short stories. A variety of writing assignments, presentations, and intensive vocabulary study will also be included in this class.

DUAL CREDIT JBU ENGLISH 1013: Composition (11TH – 12TH)

Two Semester Course Credit: 1.0 3 College Credit Hours



Prerequisite: Unweighted GPA of 3.0, ACT of 20 composite and 20 in English, proven maturity meeting deadlines and teacher recommendation.

This course prepares students for college research and academic writing. The readings and research span a variety of social issues, and expose students to a variety of techniques commonly employed in academic writing. Students practice researching, understanding, and forming opinions on social issues as they interact with multiple perspectives from diverse voices. College-level research is required. The text for this course is *They Say, I Say* along with teacher-selected readings. There are no tests or quizzes. Writing is the only form of assessment and students will produce approximately ten essays of varying lengths during the semester, culminating in the final argument paper of 7-9 pages in length. The summer assignment will be announced and posted on the LCA website in May.

ENGLISH IV (12TH)

Two Semester Course Credit: 1.0

English IV focuses primarily on preparing students to read and write successfully at the collegiate level. Students will read quality literature, such as *Hamlet* (Shakespeare), *Much Ado About Nothing* (Shakespeare), *12 Angry Men* (Rose), *Dr. Jekyll and Mr. Hyde* (Stevenson), *Death of a Salesman* (Miller) and *1984* (Orwell). Reading also includes nonfiction texts, poetry, and short stories. ACT/SAT vocabulary and in-context vocabulary will also be taught. The required summer reading will be announced and posted on the LCA website in May.

DUAL CREDIT JBU ENGLISH 1023: Literary Analysis and Research (12TH)

Two Semester Course Credit: 1.0 3 College Credit Hours



Prerequisite: Successful completion of JBU Composition 1013, or a score of 3 or higher on the AP Language exam, and teacher recommendation.

Reading and discussing good literature can be one of the most rewarding and enriching ways to contemplate questions of the human heart. Thinking critically and persuasive writing skills are honed via the study and analysis of literature. Students will explore drama, novels, poetry, and short fiction. Major works include *Oedipus Rex*, *The Glass Menagerie*, *A Raisin in the Sun*, and *Cry, the Beloved Country*. Shorter works include poems and short stories by both contemporary and classical writers and poets. Appreciating diverse voices from around the world and from various historical periods help students understand the universality of good literature. More than 85% of the grade is based on four literary analysis papers, one for each genre. The remaining 15% is comprised of daily work. Students will be expected to read _____ before the course begins.

HISTORY

Six Semesters (3 Credits) of History are required for Graduation
Modern World History, US History, and Government & Economics are required

MODERN WORLD HISTORY & THEOLOGY (10TH)

Required Two Semester Course Credit: 1.0

Building upon the content of the freshman course *Ancient Biblical World History and Theology*, *Modern World History & Theology* will trace major developments that shaped Western Civilization from the Roman Empire in 100 A.D. to the present. While secular history increasingly diminishes the central importance of Christianity in Western Civilization, students in this course will be reminded that God's central purpose in history is the "summing up of all things in Christ Jesus" and "that the manifold wisdom of God might now be made known through the church" (Eph. 1:10, 3:10). With this purpose in mind, students will be challenged to engage and integrate the disciplines of history, philosophy, and theology as they consider how Western Civilization was shaped by events in Christianity and how events in Western Civilization shaped the direction of Christianity as well.

HONORS MODERN WORLD HISTORY & THEOLOGY (10TH)

Required Two Semester Course Credit: 1.0

Prerequisites: Completion of HONORS ANCIENT BIBLICAL WORLD HISTORY & THEOLOGY (9th) or completion of ANCIENT BIBLICAL WORLD HISTORY & THEOLOGY (9th) with at least a 90 average and a teacher recommendation from their bible teacher.

Building upon the content of the freshman course *Ancient Biblical World History and Theology*, *Honors Modern World History & Theology* will trace major developments that shaped Western Civilization from the Roman Empire in 100 A.D. to the present. While secular history increasingly diminishes the central importance of Christianity in Western Civilization, students in this course will be reminded that God's central purpose in history is the "summing up of all things in Christ Jesus" and "that the manifold wisdom of God might now be made known through the church" (Eph. 1:10, 3:10). With this purpose in mind, students will be challenged to engage and integrate the disciplines of history, philosophy, and theology as they consider how Western Civilization was shaped by events in Christianity and how events in Western Civilization shaped the direction of Christianity as well. Honors students will read additional selections, taking a more in-depth and analytical approach to rhetorical analysis while writing under more demanding standards.

UNITED STATES HISTORY (11TH)

Two Semester Course Credit: 1.0

This class is a survey of American political, social, and economic history from the "discovery" of the Americas through the present day. Students will use primary and secondary sources to analyze and discuss history and not simply commit chronological dates and/or names to memory. Students will also learn how God was, and is, an integral part of the founding and continued success of our nation.

DUAL CREDIT JBU HISTORY TO 1865 (11TH - 12TH) – HST 2113

One Semester Course 3.0 College Credits LCA Credit: 0.5

Prerequisites: 85% average in HONORS MODERN WORLD HISTORY & THEOLOGY (10th) or 90% average in WORLD HISTORY & THEOLOGY (10th). A teacher recommendation from their history teacher and ACT Composite Score of 20 with 3.25 GPA for rising juniors or 3.0 GPA for rising seniors. Students who do not meet the JBU requirements may audit the course for Legacy credit only. Same rigor and academic standards apply.

US History is a survey of American political, social, and economic history from the colonial era through the Civil War. The course focuses on the following key themes: contact and conquest, colonialism, slavery and race, the meaning of the American revolution, challenges and opportunities in the new nation, and sectional crisis and Civil War. In addition, the course explores how early Americans thought about such questions as the relationship between the individual and society, the meaning of equality, and the relationship of rights and responsibilities. Students will learn the skills of critical thought in the context of historical inquiry.

DUAL CREDIT JBU HISTORY 1865 TO CURRENT (11TH – 12TH) – HST 2123

One Semester Course 3.0 College Credits LCA Credit: 0.5

Prerequisites: Completion of HST 2113 and ACT Composite Score of 20 with 3.25 GPA for rising juniors or 3.0 GPA for rising seniors. Students who do not meet the JBU requirements may audit the course for Legacy credit only. Same rigor and academic standards apply.

This class is a survey of American political, social, and economic history from Reconstruction through the present day. Students will learn the skills of critical thought in the context of historical inquiry through examination and analysis of primary historical texts and an extensive research paper project. Upon successful completion of the course, students will earn JBU course credit.

GOVERNMENT & ECONOMICS (12TH)

Two Semester Course Credit: 1.0

Government and Economics are classes designed to acquaint students with the origins, development, structure, function and policies that shape the political and economic systems of the United States. Topics include the constitutional framework; federalism; the function of the legislative, judicial and executive branches, individual rights and liberties, political parties, political and economic policies (local, State and Federal), a comparison of political and economic systems, and concepts related to microeconomics and macroeconomics. Furthermore, these topics will be discussed within a Biblical framework.

DUAL CREDIT LETU US GOVERNMENT (11TH – 12TH) - POLS 2503

One Semester Course 3.0 College Credits LCA Credit 0.5



Format: Online with College Professor

Prerequisites: Students must have a minimal 3.0 GPA (unweighted on a 4.0 scale) to qualify for this course

The constitution and structure of the United States government will be emphasized. In addition, forces that impact the federal government's operation will also be evaluated including the role of the media, the economy, and its global relations. This class will be taught by a LETU professor in an online format.

DUAL CREDIT LETU MACROECONOMICS (11TH – 12TH) – ECON 2103

One Semester Course 3.0 College Credits LCA Credit 0.5



Format: Online with College Professor

Prerequisites: Students must have a minimal 3.0 GPA (unweighted on a 4.0 scale) to qualify for this course

An introduction to the nature and theory of macroeconomics. The course includes the introduction of supply and demand, examination of national income accounting, the role of government to include fiscal and monetary policy, the American banking system, and international trade. This class will be taught by a LETU professor in an online format.

WORLD LANGUAGES

Four Semesters (2 Credits) in sequence of WORLD Languages are required for Graduation

LATIN I (9TH)

Two Semester Course Credit: 1.0

This course will introduce students to the Latin Language and the Romans who used it, as well as provide a better understanding of our own language and social system through examining vocabulary, characters and situations in the context of reading passages. Through these passages, students will come to understand phonetic pronunciation, and gain confidence in reading aloud. Through examining Latin sentences, students will utilize Latin grammar to attain mastery of English grammar and syntax. Finally, students will begin to use literary source material to make deductions and inferences regarding both individual characters as well as larger social structures. They will compare ancient Roman culture to modern American society, engaging both with a dialogue of the Gospel.

LATIN II (9TH – 10TH)

Two Semester Course Credit: 1.0

Prerequisite: Latin I

Latin II finishes Cambridge Book II and begins Cambridge Book III and emphasizes Latin vocabulary and English derivatives since one of the greatest benefits of Latin study is found in the rich etymological understanding of English words. The course places a growing emphasis on inflected recitation of the language. At the completion of this course, students will be prepared to enter into Latin III. Students will also sit for the National Latin Exam in the Spring Semester.

HONORS LATIN II (9TH – 10TH)

Two Semester Course Credit: 1.0

Prerequisite: Latin I; 90% average or above, or instructor recommendation.

Honors Latin II finishes Cambridge Book II and begins Cambridge Book III and emphasizes Latin vocabulary and English derivatives since one of the greatest benefits of Latin study is found in the rich etymological understanding of English words. The course places a growing emphasis on inflected recitation of the language. At the completion of this course, students will be prepared to enter into Latin III. Students will also sit for the National Latin Exam in the Spring Semester.

HONORS LATIN III (10TH – 11TH)

Two Semester Course Credit: 1.0

Prerequisite: Honors Latin II; 85% average or above, or instructor recommendation

Honors Latin III finishes Cambridge Book III and progresses through Book IV and emphasizes Latin vocabulary and English derivatives since one of the greatest benefits of Latin study is found in the rich etymological understanding of English words. The course places an even greater emphasis on the inflected recitation of larger passages and general summation. The student must be familiar with the vocabulary of Cambridge Book I, II and III. The student must be familiar with all noun case usages and the present, imperfect, perfect and pluperfect tenses; indicative and subjunctive moods as well as the infinitive mood; active and passive voices. Students will also sit for the National Latin Exam in the Spring Semester.

HONORS LATIN IV (11TH – 12TH)

Two Semester Course Credit: 1.0

Prerequisite: Honors Latin III; 85% average or above, or instructor recommendation

This course will review the details of Latin grammar and syntax while students engage with both adapted and un-adapted passages from Roman authors. Students will encounter passages both individually and corporately, using the passages to better understand Roman worldview, politics, philosophy, history and religion, as well as how the Latin language was used to effectively and artistically present nuanced ideas. Students will be continuously encouraged to use such examinations as tools to more thoughtfully consider our own modern times.

AP LATIN LITERATURE (12TH)

Two Semester Course Credit: 1.0

Prerequisite: Honors Latin IV or Instructor Recommendation

AP Latin is designed to provide advanced high school students with a rich and rigorous Latin course, approximately equivalent to an upper-intermediate college Latin course. Students who successfully complete the course are able to read, understand, translate, and analyze Latin poetry and prose. Despite many similarities, Latin poetry and prose have broadly different features and patterns; thus, the syllabus of required readings includes poetry and prose to ensure students will be confident in handling both. In addition to taking the AP Exam at the end of the year, students will also sit for the 4th year National Latin Exam.

SPANISH I (9TH – 11TH)

Two Semester Course Credit: 1.0

Spanish I will introduce to students the basic foundational language skills required to learn Spanish. In addition, the study of cultures of various Spanish speaking countries will create a greater appreciation for the language. Daily practical usage of the language will strengthen these newly acquired skills and enrich daily and spiritual life. First year Spanish class will be conducted 40/60 Spanish to English. It will be highly emphasized to practice using what has been taught from previous chapters in order to develop fluency of the language. Spanish I begins the compilation and application of oral, reading, and writing skills. It also focuses on comprehension, analysis, inference gathering, utilization of reference aid, and vocabulary. New vocabulary will be introduced at the beginning of every chapter and will be utilized in all aspects of the language. Cultures of various speaking countries will be touched upon. Writing proficiency will be applied through the practice of short sentences, short answer questions, and mini paragraphs. Themes will include friendships, school, food, hobbies, and home.

SPANISH II (9TH – 12TH)

Two Semester Course Credit: 1.0

Prerequisite: Spanish I

The goal of Spanish II is to build upon the previous knowledge from Spanish 1 and further expand the student's knowledge of reading, writing, and oral proficiency. Students will be able to communicate by listening, writing, and speaking at a moderate level by the end of the school year. They may not understand and be able to respond with total fluency, but they will have developed moderate conversational skills, a higher level of grammar, and better listening comprehension skills. Students will develop their knowledge of the Spanish language including listening, reading, writing, speaking, and a sense of Hispanic history, culture, and way of life. Through this knowledge they will learn to socialize, acquire and provide information, express feelings and opinions, and connect with other subject areas they are learning about in school, life, and in our Christian faith. Aspects of Spanish culture are introduced through the use of media, games, and adapted readings and in small or large group discussions. In addition to written and oral tests and quizzes, students are assessed using a variety of formats: oral dialogues, presentations, written compositions and other means. Homework assignments are an integral part of this course as they not only reinforce concepts and skills that are introduced in class, but also enable students to participate in class discussions.

HONORS SPANISH II (9TH – 12TH)

Two Semester Course Credit: 1.0

Prerequisite: Spanish I; 90 or higher in Spanish I or teacher recommendation

The goal of Honors Spanish II is to build upon the previous knowledge from Spanish I and further expand the student's knowledge of reading, writing, and oral proficiency. Students will be able to communicate by listening, writing, and speaking at a moderate level by the end of the school year. They may not understand and be able to respond with total fluency, but they will have developed moderate conversational skills, a higher level of grammar, and better listening comprehension skills. Honors Spanish II will work at a faster pace and cover additional information to further their knowledge. Oral participation will be expected at all times. Students will develop their knowledge of the Spanish language including listening, reading, writing, speaking, and a sense of Hispanic history, culture, and way of life. Through this knowledge they will learn to socialize, acquire and provide information, express feelings and opinions, and connect with other subject areas they are learning about in school, life, and in our Christian faith. Aspects of Spanish culture are introduced through the use of media, games, and adapted readings and in small or large group discussions. In addition to written and oral tests and quizzes, students are assessed using a variety of formats: oral dialogues, presentations, written compositions and other means. Homework assignments are an integral part of this course as they not only reinforce concepts and skills that are introduced in class, but also enable students to participate in class discussions.

SPANISH III (10TH – 12TH)

Two Semester Course Credit: 1.0

Prerequisite: Spanish II

The goal of Spanish III is to build upon the previous knowledge base of Spanish I & II and use that base to help each student be able to communicate at a moderate level by the end of the school year. Students may not be able to understand everything they hear, nor be able to respond with total fluency, but they will be able to maintain basic conversations with basic grammar and adequate responses. For this reason, some of the class will be conducted in Spanish (except for grammar instruction, teacher notes) and there is a high expectation for the students to participate extensively. Spanish III will enable the student to improve communication and understanding using the target language in the classroom and outside the class with native speakers. Another goal is also to create a greater awareness of the Hispanic culture and history. Students will be learning about Hispanic artists throughout the year.

HONORS SPANISH III (10TH – 12TH)

Two Semester Course Credit: 1.0

Prerequisite: Honors Spanish II; 85 or higher in Honors Spanish II or teacher recommendation

Honors Spanish III students continue to develop their communication skills by using their knowledge of the Spanish language including listening, reading, writing and speaking as well as knowledge of various Hispanic cultures. In Honors Spanish III, students begin to master the use of several Spanish tenses as well as advanced grammar concepts. Students begin to read and listen to more authentic selections and write and speak about them in preparation for the advanced Spanish curriculum. Students are expected to participate to the best of their ability, by speaking in Spanish during class activities and interaction with the teacher.

HONORS SPANISH IV (11TH – 12TH)

Two Semester Course Credit: 1.0

Prerequisite: Honors Spanish III; 85 or higher in Honors Spanish III or teacher recommendation

The Honors Spanish IV course continues development of the four basic language skills (speaking, listening, reading and writing) along with control of vocabulary and language structures which enable the student to perform these skills accurately and effectively. While beginning classes place more emphasis on receptive skills (understanding what you hear and read), Honors Spanish 4 places increased emphasis on the productive skills of written and spoken expression. Students begin with a brief review of some key topics studied during the elementary levels (description, comparison, narration in the past, expressing recommendations and talking about likes/dislikes and speaking about the future) before being introduced topics at the intermediate level. On-going emphasis on the cultural context of language will also expand the students' knowledge of Hispanic culture. The teacher uses the target language almost exclusively in class and encourages students to do likewise. This class aids in preparing students for even higher levels of Spanish instruction.

BIBLE: THEOLOGY & BIBLICAL WORLDVIEW

**Two Semesters (1 Credit) of Bible for each year a student is attending Legacy is required for graduation
Ancient Biblical World History & Theology, Worldviews, and Apologetics are required**

ANCIENT BIBLICAL WORLD HISTORY & THEOLOGY (9TH)

Two Semester Course Credit: 1.0

The ideas and events of the ancient world form the foundation of Western Civilization that we have inherited. Taking the chronology and text of the Bible as a foundation and the primary historical resource, students will encounter the events that shaped the ancient world through the unfailing reliability of Scripture. The chronology and content of the Bible will provide the backbone of the course, and will be amply supplemented by primary source readings from the ancient civilizations represented. Topics will include the Ancient Near East, Egypt, Phoenicia, Assyria, Babylon, Persia, Greece, and Rome, with particular attention given to their interaction with the biblical narrative, and a practical understanding of their relevant geographies, contributions, and interactions with the story of civilization. Students will be challenged to engage and integrate the disciplines of history, philosophy, and theology as they read significant portions of the Bible, both Old and New Testament, and formulate a coherent understanding of the ancient world that is still relevant today.

HONORS ANCIENT BIBLICAL WORLD HISTORY & THEOLOGY (9TH)

Two Semester Course Credit: 1.0

Prerequisite: English and/or Bible teacher recommendation

The ideas and events of the ancient world form the foundation of Western Civilization that we have inherited. Taking the chronology and text of the Bible as a foundation and the primary historical resource, students will encounter the events that shaped the ancient world through the unfailing reliability of Scripture. The chronology and content of the Bible will provide the backbone of the course, and will be amply supplemented by primary source readings from the ancient civilizations represented. Topics will include the Ancient Near East, Egypt, Phoenicia, Assyria, Babylon, Persia, Greece, and Rome, with particular attention given to their interaction with the biblical narrative, and a practical understanding of their relevant geographies, contributions, and interactions with the story of civilization. Students will be challenged to engage and integrate the disciplines of history, philosophy, and theology as they read significant portions of the Bible, both Old and New Testament, and formulate a coherent understanding of the ancient world that is still relevant today. Honors students will read additional selections, taking a more in-depth and analytical approach to rhetorical analysis while writing under more demanding standards.

WORLDVIEWS (10TH)

Two Semester Course Credit: 1.0

Prerequisite: Ancient Biblical World History

This class is a survey of philosophy and a formal study of worldviews. The Christian theistic worldview will be used to examine naturalism, nihilism, existentialism, the new age movement and postmodernism. It is the goal of the class to see students hold to the Christian theistic worldview intellectually and live it in their lives day to day. This course will teach students how to think Christianly as well as address their doubts and analyze their presuppositions in order to deepen their faith and convictions. Students will understand the basic flow of western philosophy from pre-Socratic times to present day. Students will also investigate competing worldviews, their logical inconsistencies and dangerous outcomes and understand and defend the Christian worldview against competing worldviews.

APOLOGETICS (11TH)

Two Semester Course Credit: 1.0

Prerequisite: Worldviews

This course systematically examines a rational defense of the basic elements of the Christian faith, including the existence of God, the reliability of the Bible, the deity of Christ, and the historicity of the resurrection. Students will obtain a knowledge of the basics of apologetics and understand how to give a rational defense of the Christian faith. They will be equipped to always be prepared to give a reason for the hope we have in Christ to all who may ask and to demolish the vain arguments and every pretension that sets itself up against Christianity. In addition, student will develop a love for God through Jesus Christ as His hand is seen at work in history.

HONORS APOLOGETICS (11TH)

Two Semester Course Credit: 1.0



Prerequisite: 85% or higher in Worldviews class plus English and/or Bible teacher recommendation

Enrollment is LIMITED.

This course systematically examines a rational defense of the basic elements of the Christian faith, including the existence of God, the reliability of the Bible, the deity of Christ, and the historicity of the resurrection. Students will obtain a knowledge of the basics of apologetics and understand how to give a rational defense of the Christian faith. The Honors class will engage with more scholarly works while learning in a more Socratic style. Emphasis will be placed on the Historicity of Scripture as a foundation for debates and criticisms. Debates will be critiqued and evaluated based upon soundness of both logic and argument.

FAITH & SCIENCE: SCIENTIFIC INVESTIGATIONS (BWV COURSE FOR SCIENCE CREDIT) (10TH – 12TH)

**Required Two Semester Course for School of Medicine
and School of Engineering and Technology Credit: 1.0**

A course designed to assist students in developing an integrated view of faith and science. Topics are selected from fundamentals of the Christian faith, history of science, nature of science, discovering God in the physical universe, creation of life, evolution of life, science in philosophy and theology, science and culture, and images of man.

A CHRISTIAN PERSPECTIVE ON THE ARTS: (BWV COURSE) (10TH – 12TH)

Required Two Semester Course for School of Fine Arts Credit: 1.0

This course introduces students to art from various time periods and challenges them to evaluate the worldviews they encounter from a Biblical Worldview. Students will be able to name the six basic time periods and describe the artwork they produced, critique and analyze the technical excellence of works of art, show an understanding of the basic worldview found in the art of each period studied, approach art with humility and demonstrate respect for artistic ability, and think critically about particular worldviews and be capable of correcting them to line up with a Christian worldview. Key texts for this class include: *How Should We Then Live?* by Francis Schaeffer, *Art and the Bible* by Francis Schaeffer, and *Imagine* by Steve Turner.

THE CHRISTIAN MIND: (BWV COURSE) – (10TH – 12TH)

Required Two Semester Course for School of Humanities Credit: 1.0

The Christian Mind course will analyze what it means to Love the Lord with all one's mind and what does intellectual life as a Christian calling look like. The key verses for this course are Matthew 22:37 and Romans 12:1-2. Students will discover "Why the Mind Matters in Christianity" and the mind's role in spiritual transformation. What are the characteristics of a mature Christian mind and how does one take every thought captive to Christ. What does it mean to be a Christian intellectual and what intellectual disciplines and virtues are important for renewing one's mind? Classic texts on the subject will be read, such as, *Habits of the Mind* by James W. Sire, *Love Your God with all Your Mind* by J.P. Moreland, and *The Christian Mind* by Harry Blamires.

SERVANT LEADERSHIP: (BWV COURSE) – (10TH – 12TH)

Required Two Semester Course for School of Business Credit: 1.0

Servant Leadership will introduce students to a unique style of leadership that is modeled on the approach of Jesus who said He came to serve, not to be served. This upside-down leadership style puts the needs of followers above the needs of the leader; promotes teamwork, individual dignity and worth; and results in a synergy of purpose unachievable with the old leadership models. This course introduces the principles and practice of servant leadership. What is a servant leader? Why would we choose to be servant leaders? How does a servant leader function in the life of the church, within their vocation, and in the world to which Christ sends us? This course will provide students with a solid foundation of the theory and practice of leadership while contrasting traditional and more modern theories with Jesus' style of servant leadership and its most effective application today.

FINE ARTS

Two Semesters (1 Credit) of Fine Arts is required for Graduation

ART I (9TH)

Two Semester Course Credit: 1.0

Art I students will develop skills producing various 2-D work while becoming familiar with terminology and foundational techniques typically used in studio work. Emphasis will be placed on developing observational skills, drawing & painting skills, learning historical trends, and practicing artistic integrity. Students will also continue to cultivate a biblical worldview in the art they produce and in the art they critique.

ART II (10TH)

Two Semester Course Credit: 1.0

Prerequisite: Art I or instructor approval

Art II continues development of foundational skills in the process of art making and builds upon the basic skills developed in Art I. Emphasis will be placed on applying design and drawing skills to additional 2-D mediums such as printmaking and photography. A few basic 3-D design mediums will be introduced. Students will further develop critical thinking skills and problem-solving techniques, applying them to the art making process. Creative expression, artistic integrity and biblical worldview components will continue to be explored.

HONORS ART III: DRAWING, 2D DESIGN, AND 3D DESIGN (11TH)

Two Semester Course Credit: 1.0

Prerequisite: Art I & II, or instructor approval (requires a portfolio review)

Honors students will achieve proficiency levels in a variety of skills and techniques, and will continue the development of skills learned in Art I and II. Students are encouraged to explore advanced ideas and originality in the artwork produced. At this level students will be expected to use critical thinking skills effectively and independently in analyzing art work. Artistic integrity will be expected of all students. Students will develop the breadth portion of the AP portfolio.

AP STUDIO ART IV: DRAWING, 2D DESIGN, AND 3D DESIGN (12TH)

Two Semester Course Credit: 1.0

Prerequisite: Honors Art or instructor approval (requires a portfolio review)

AP Studio Art provides rigorous artistic challenges on par with a college level studio art course. This class is designed for the dedicated art student who is capable of high-level creative independence and expression both inside and outside of class. Students will continue work on an advanced portfolio to be reviewed by the College Board comprised of three sections: breadth (demonstration of a serious ground in visual principles and techniques, as begun in Honors Art), concentration (the development a conceptual thesis which demonstrates an in-depth process of visual discovery and growth), and quality (art pieces that exhibit a synthesis of form, technique and content). Artistic integrity is an AP requirement.

BAND (9TH – 12TH)

Two Semester Course Credit: 1.0

The LCA Band includes several components: Marching Band, Concert Band, Jazz Band, Percussion Ensemble, and Color Guard. Members perform throughout the year in a variety of settings, including Football games, marching competitions, parades, indoor stage concerts, and concert and sight-reading evaluations and festivals. In addition, the Color Guard perform and compete as separate entity during the late Fall and Winter. The Screamin' Eagle Band offers its members countless opportunities to grow musically as well as personally, using their talents. Through developing strong work habits and learning to work together as a team, Band members develop life-long skills that will serve them in whatever future pursuits they choose. Our goal is for *all* of our students to develop a lasting affinity for music, and become positive role-models and citizens.

HONORS BAND (11TH – 12TH)

Two Semester Course Credit: 1.0

Prerequisite: Satisfactory completion of 2 years in Marching/Concert Band. Class is taken concurrently with BAND

In addition to the normal band coursework, honors students will audition for TPSMEA All Region and All State bands, participate in TPSMEA solos & ensemble events, complete a music theory component, prepare a piece for performance in the end-of-year Jr./Sr. Fine Arts Showcase, and attend an outside performance each semester that will include a written critique and oral presentation.

ADVANCED BAND (11TH – 12TH)

Two Semester Course Credit: 1.0

Prerequisite: Satisfactory completion of HONORS BAND. Class is taken concurrently with BAND

In addition to the normal band coursework, honors students will audition for TPSMEA All Region and All State bands, participate in TPSMEA solos & ensemble events, complete a music composition component, prepare a piece for performance in the end-of-year Jr./Sr. Fine Arts Showcase, and attend an outside performance each semester that will include a written critique and oral presentation.

CHAMBER CHOIR (9TH – 12TH)

Two Semester Course Credit: 1.0

Students will sing four part or more (divisi) choral literature and establish the best possible ensemble sound. Students will learn music theory, sight-reading, and music history. Students will perform in school, community, festival, and competition events throughout the school year.

CONCERT CHOIR (9TH – 12TH)

Two Semester Course Credit: 1.0

Students will sing four part or more (divisi) choral literature and establish the best possible ensemble sound. Students will learn music theory, sight-reading, and music history. Students will perform in school, community, festival, and competition events throughout the school year.

HONORS CHOIR (11TH – 12TH)

Two Semester Course Credit: 1.0

Prerequisite: Satisfactory completion of 1 year in CONCERT CHOIR

In addition to the normal choir coursework, advanced students will audition for TPSMEA All Region and All State choirs, participate in TPSMEA solo & ensemble events, complete a music theory component, prepare a piece for performance in the end-of-year Jr./Sr. Fine Arts Showcase, and attend an outside performance each semester that will include a written critique and oral presentation.

ADVANCED CHOIR (11TH – 12TH)

Two Semester Course Credit: 1.0

Prerequisite: Satisfactory completion of HONORS CHOIR

In addition to the normal choir coursework, advanced students will audition for TPSMEA All Region and All State choirs, participate in TPSMEA solo & ensemble events, complete a music composition component, prepare a piece for performance in the end-of-year Jr./Sr. Fine Arts Showcase, and attend an outside performance each semester that will include a written critique and oral presentation.

THEATER I (9TH – 12TH)

Two Semester Course Credit: 1.0

Theatre I will introduce and provide experience in all aspects of theater arts. Students will examine and study the role that acting, directing, sound, lights, set, costumes, make-up, and publicity play in the creation of a production. Additionally, students gain a working knowledge of theater history and the multiple forms of theatrical performance, as well as the technical aspects of theater and theatrical design. Students will be required to view and analyze one professional production during the year and will perform in the school one-act play.

THEATER II (10TH – 12TH)

Two Semester Course Credit: 1.0

Prerequisite: Theater I

Theater II is a continuation of the work covered in Theater I in a more advanced context. Students will engage in more intensive preparation of their craft. This course focuses on styles of acting and performance and theatrical production. Class work focuses on scene study (including research, direction, stage management, character analysis, setting analysis and design) and monologues from various theatrical eras and genres. Auditioning techniques will be examined as well. Students will be required to view and analyze one professional production during the year. Students will perform in school, community, festival and competition events throughout the year.

HONORS THEATER III (10TH – 12TH)

Two Semester Course Credit: 1.0

Prerequisite: Theater I & II

Honors Theater III provides an opportunity to deepen skills and knowledge in an area in which the student has already demonstrated the ability to produce distinguished work. Students will engage in more intensive preparation of their craft. The creative physical, emotional and mental aspects of performance are studied through scene work, monologues, and improvisations. Auditioning techniques will be examined as well. Students will study various acting teachers and complete an acting technique/theory project. Student will be required to view and analyze one professional production per semester. This course also includes an introduction to directing theater. The director's concept and responsibilities are studied through scene work. Students will perform in school, community, festival and competition events throughout the year.

ADVANCED THEATER IV (10TH – 12TH)

Two Semester Course Credit: 1.0

Prerequisite: Theater I, II & III

This advanced course is designed to prepare the serious theater student for life in the theater beyond the high school arena. Through a rigorous series of creative projects, the advanced theatre student is challenged to work as an actor, a director, a theater technician, and a drama teacher. Students study advanced principles of acting and character analysis including and exploration of objectives, obstacles, choices and given circumstances, basic stage and rehearsal terms. Students teach theater etiquette to their peers, serve as a casting director during an audition process, and are expected to lead improvisation exercises and class discussion. From time to time, students are engaged in technical theater experiences and workshops. Students will perform in school, community festivals and competition events throughout the year.

TECH THEATER I (9TH – 12TH)

Two Semester Course Credit: 1.0

This course develops knowledge of and experience in all the technical (nonperformance) aspects of theatrical production. Special emphasis is placed on the elements of theatrical design, design analysis, stage management, and production management. Additionally, students gain hands-on experience in all aspects of technical theater. Students will be required to view and analyze one professional production during the year and are required to work as part of the crew for at least one of the LCA school productions.

TECH THEATER II (9TH – 12TH)

Two Semester Course Credit: 1.0

Prerequisite: Tech Theater I

Tech Theater II continues to refine those concepts and skills outlines in Tech Theater I. This course broadens the focus of design to include lighting and costumes while expanding the student's understanding of the inter-relatedness of the various design aspects. Students are directly involved in the technical aspects of the productions as they design and construct sets. Costumes and makeup; hang lights, create special effects; paint; and build props for the productions. Students learn specialized vocabulary and explore set design, lighting design and costume design. Students will be required to work as part of the crew for at least one of the LCA school productions.

HONORS TECH THEATER III (9TH – 12TH)

Two Semester Course Credit: 1.0

Prerequisite: Tech Theater I & II

Tech Theater III focuses on the production staff aspects of putting on a show. Such positions include: Stage Manager, Technical Director, Set/Costume Designer and Lighting Designer. This class requires students to participate in extra rehearsals and performances beyond the school day. Students will be required to view and analyze one professional production per semester and are required to work crew for the main LCA school production.

ADVANCED TECH THEATER IV (9TH – 12TH)

Two Semester Course Credit: 1.0

Prerequisite: Tech Theater I, II & III

Tech Theater IV deepens the focus on the Production Staff aspects of putting on a show. Such positions include: Stage Manager, Technical Director, Set/Costume Designer and Lighting Designers. This class requires students to participate in extra rehearsals and performances beyond the school day. Students will be required to view and analyze one professional production per semester and are required to work crew for the main LCA school production. Students will also oversee the Fine Arts End-of-the-year Showcase.

DIGITAL DESIGN (9TH – 12TH)

Two Semester Course Credit: 1.0

Dive into the world of photo manipulation and creation with the use of Adobe Creative Suite! The goal of this course is to help students discover, develop and enjoy their God-given talents as they learn the elements and principles of design through digital art creation. Students will be encouraged to use their visual problem-solving skills to express themselves through the digital means. The curriculum will be infused with verbal and written critique of student work, which will help teach the importance of assigning aesthetic valuing and criticism to their work. Students will also be encouraged to explore and find an appreciation for the digital arts and creating art while worshipping the Lord through their art making.

PROFESSIONAL SCHOOLS COURSES

Beyond College Prep

SENIOR CAPSTONE (12TH)



Required Two Semester Course for PSP Concentration Endorsements

Two Semester Course Credit: 1.0 Format: Independent/Internship Study

Senior Capstone is an opportunity for students to independently explore a particular career of interest within their chosen school and concentration. The project is modeled after a summative university project, research endeavor or internship. While a Senior Capstone project could resemble a traditional college-level thesis, students may choose to conduct their learning within a proposed business model, or pursue work in the fine arts, or work under a professional mentor. Research may be in any academic area, but projects must have a goal of innovation in a specific field or a high-level of exposure and experience within a career field. The course will involve students working closely with their Dean to learn research methodology, organizational strategies, as well as time management skills. In the case of internship opportunities, students will be assigned a mentor through local professional connections or with on-campus mentors. Each student will produce a paper or project by spring and will ultimately present his/her findings before a committee of administration/faculty as well as to the school community.

BUSINESS

BUSINESS FOUNDATIONS (10TH – 12TH)

Required Two Semester Course for School of Business

Two Semester Course Credit: 1.0

This course is an introduction to business and the private enterprise system from the perspective of the Christian world view. The purpose of this course is to provide foundational skills in areas that are critical for further studies in business, leading to a successful career launch.

BUSINESS MANAGEMENT (11TH – 12TH)

Two Semester Course Credit: 1.0

This course is a study of basic principles of leadership and management from historical and contemporary perspectives. Topics include a discussion of the theories, concepts, interrelationships, moral dimensions, character, functions, and skills required to lead and manage in today's organizations.

COMMUNICATIONS & MARKETING (10TH – 12TH)

Two Semester Course Credit: 1.0 Format: Blended

This course is a study of the development of professional communication skills, both written and oral, in business. Includes mechanics, techniques, and psychological principles of effective business communications with emphasis on contemporary communication technologies.

COMPUTER SCIENCE / TECHNOLOGY

PRINCIPLES OF INFORMATION TECHNOLOGY 1A: INTRODUCTION (9TH-12TH)

One Semester Course Credit 0.5 Format: Blended



Develop your students' understanding and proficiency of computers! Students will learn about computer hardware, Von Neumann architecture, peripherals, and maintenance as well as data management and storage options. Learners will trace the history of operating systems and application software while also exploring network systems, administration, and troubleshooting. Finally, students will dive into word processing, spreadsheets, and databases to cement their knowledge of information technology!

PRINCIPLES OF INFORMATION TECHNOLOGY 1B: WORKING WITH COMPUTERS (9TH -12TH)

One Semester Course Credit 0.5 Format: Blended



Building on the prior prerequisite course, students will gain further knowledge of information technology. Starting with an overview of programming, algorithms, and compilers, students will then learn the basics of webpage design and creating graphics. Students will also explore security and cybercrime, emerging technologies, presentation software, and intellectual property laws. Finally, students will begin preparing for the future by discovering various careers planning for education paths.

INTRO TO COMPUTER SCIENCE (9TH – 12TH)

Two Semester Course Credit: 1.0 Format: Blended

The CodeHS introduction to computer science curriculum teaches the foundations of computer science and basic programming, with an emphasis on helping students develop logical thinking and problem-solving skills. Once students complete the CodeHS Introduction to Computer Science course, they will have learned material equivalent to a semester college introductory course in Computer Science and be able to program in JavaScript.

ROBOTICS (10TH – 12TH)

Two Semester Course Credit: 1.0

Prerequisite: Introduction to Computer Science

The Robotics class will incorporate STEM principles as they apply to the world of robots. The primary focus of the class will be coding the intelligence aspect, but students will also be required to construct robots. The curriculum will include real world features of engineering, such as project planning, designing, and testing.

GAME DESIGN 1A: INTRODUCTION (10TH – 12TH)

One Semester Course Credit 0.5 Format: Blended



Prerequisite: Introduction to Computer Science

Are you a gamer? Do you enjoy playing video games or coding? Does the idea of creating and designing your own virtual world excite you? If so, this is the course for you! Tap into your creative and technical skills as you learn about the many aspects involved with designing video games. You will learn about video game software and hardware, various gaming platforms, necessary technical skills, troubleshooting and internet safety techniques, and even the history of gaming. And to top it all off, you'll even have the opportunity to create your very own plan for a 2D video game! Turn your hobby into a potential career and go from simply being a player in a virtual world to actually creating one!

GAME DESIGN 1B: BUILDING A GAME (10TH – 12TH)

One Semester Course Credit 0.5 Format: Blended



Prerequisite: Game Design 1A: Introduction

We live in a technologically-advanced world where virtual reality and video games play a major role. Have you ever thought about designing your own video game? By signing up for Game Design 1b: Building a Game, you will learn the skills needed to conceptualize, design, and fully create your very own video game. Explore various video game software and hardware, sharpen your coding skills, learn about game storylines, player progression, and algorithmic decision making. Learn to analyze player goals, actions, rewards, and challenges, among many other game play components. Utilize the 21st century skills of creativity, critical thinking, communication, collaboration, and technical expertise. When you sign up for Game Design 1b: Building a Game, you are putting yourself at the forefront of a future in technology!

HONORS COMPUTER SCIENCE (10TH – 12TH)

Two Semester Course Credit: 1.0 Format: Blended



Prerequisites: 85% or higher in Intro to Computer Science course.

The CodeHS Java course is a year-long course designed to help students master the basics of the Java language and equip them to take a computer class in college. All learning materials and resources teachers and students need for a successful year-long Java course can be found on the CodeHS website. Emphasis will be placed on project-based assignments and the ability to design and write code modularly while developing design-level thinking. Teamwork and leadership skills will be fostered in this dynamic and project-based course.

DUAL CREDIT Computer Science I (11TH – 12TH) – COSC 1303

One Semester Course 3.0 College Credits LCA Credit 0.5



Format: Online with College Professor

Prerequisites: An 90% or higher in the Intro to Computer Science course. Students must also have a minimum 3.0 GPA (unweighted on a 4.0 scale) to qualify for this course

An introduction to the field of computer science. Problem solving strategies, basic data structures, and an introduction to algorithms in the context of a modern programming language. A first college course in programming with an emphasis on scientific and engineering applications. This class will be taught by LETU professor in an online format.

HUMANITIES

PRINCIPLES OF LEARNING & EVANGELISM (10TH – 12TH)



Required Two Semester Course for Concentrations in Ministry and Education Credit: 1.0

Principles of Learning. Seven Laws of Learning & Teaching, Teaching to Change Lives, Teaching Ministry of Jesus. A study of the essential principles of evangelism and discipleship as they relate to biblical methods of outreach and spiritual growth within the church. Practical instruction is given about the tools of evangelism and discipleship techniques. Students will gain ministry experience through in-class and out-of-class opportunities. This class will be recorded on the transcript as a Philosophy/Theology Credit

SURVEY OF LAW & POLITICS (10TH – 12TH)



Required Two Semester Course for Concentration in Pre-Law Credit: 1.0

This is a survey course designed to give students an overview of the American legal system. The focus of this course will be on how laws are created, enforced and reviewed. Topics to be studied and discussed include Constitutional Law, Criminal Law, and Civil Law. Students will gain an understanding of the American legal system, how it functions, and the roles of individuals within it. They will also develop an understanding of the history of political science as well as the methods, concepts, and language which political scientists use to study and interpret politics, political regimes, ideologies, political institutions and public policies. This class will be recorded on the transcript as a Law & Politics Credit.

ELECTIVES & PHYSICAL EDUCATION

LEGACY LEARNING CENTER

Two Semester Course Credit: 1.0

Prerequisite: Completion of a formal, battery of tests, including academic and achievement testing. Students must qualify with a learning difference or ADHD. The testing must be current within three years. \$2000 annual fee.

Legacy Learning Center provides support for students with diagnosed learning differences and/ or ADHD in order to maximize their potential for success within the LCA curriculum. Students will have a case manager that manages student accommodations. The course provides skill support and development in test taking, studying, and organization. Students will receive academic progress monitoring, study skills, and training in self-advocacy. LLC can serve as a student's study hall period.

YEARBOOK (9TH-12TH)

Two Semester Course Credit: 1.0

Prerequisite: Application and Audition required to be considered for the class

The goal of the course is to help students discover, develop and enjoy their God-given talents as they learn the disciplines and concepts of page design, publishing techniques, copyrighting, editing and photography. Students will be encouraged to think like photographers, appreciate journalism, and create an innovative yearbook which records Legacy's memories and events while they gain useful real-world skills in time management, marketing, teamwork and design principles.

JOURNALISM: INVESTIGATING THE TRUTH (9TH-12TH)

One Semester Course Credit 0.5 Format: Blended



Prerequisite: Application and Audition for YEARBOOK required to be considered for the class

Are you always the first one to know what's going on at school or in your town? Maybe your Facebook or Instagram accounts are the reliable place for others to find the latest breaking news? If so, you are just the kind of person every online, print, and broadcast news outlet is searching for, and Journalism: Investigating the Truth is the perfect course for you! Learn how to write a lead that really "grabs" your readers, interview sources effectively, and write engaging news stories. You will explore the history of journalism and see how the modern world of social media can provide an excellent platform for news. Turn your writing, photography, and collaborative skills into an exciting and rewarding journalism career! This class is offered as an adjunct to YEARBOOK.

DIGITAL PHOTOGRAPHY 1A: INTRODUCTION (9TH - 12TH)

One Semester Course Credit 0.5 Format: Blended



Prerequisite: Application and Audition for YEARBOOK required to be considered for the class

Have you ever wondered how professional photographers manage to take such great pictures? Have you tried to take photographs and wondered why they didn't seem to capture that moment that you saw with your eyes? Digital Photography 1a: Introduction will answer these questions and more, and help you gain a better understanding of photography. You'll learn the basics of photography and camera functions, including aperture, shutter speed, natural vs. artificial lighting, and elements of composition. You will also explore how an image is created as well as study the history of photography and advances in camera technology over the last several centuries. This class is offered as an adjunct to YEARBOOK.

DIGITAL PHOTOGRAPHY 1B: CREATING IMAGES WITH IMPACT (9TH - 12TH)

One Semester Course Credit 0.5 Format: Blended



Prerequisite: Application and Audition for YEARBOOK required to be considered for the class

Do you want to go beyond the basics and take your photography skills to the next level? In Digital Photography 1b: Creating Images with Impact, you'll learn the skills and techniques used by professional photographers to improve your photo taking skills of a wide array of subjects. Build on the composition techniques and camera functions you learned in Digital Photography 1a to build a portfolio of a variety of images. Learn the special techniques that will help you shoot quality portraits, action shots, and landscapes. You will also explore sports, pet, and wildlife photography and discover various career paths in the field. This class is offered as an adjunct to YEARBOOK.

WORSHIP ARTS (9TH-12TH)

Two Semester Course Credit: 1.0

Prerequisite: Application and Audition required to be considered for the class

The worship arts class is designed for students interested in helping with the worship portion of the Upper School chapel services. Specifically, this course will focus on the development of students with audio/video and lighting skills as well as instrumental (acoustic/electric/bass guitar, piano/keyboard, drums) and vocal worship leaders. Students with existing skills in instrumental and vocal music will make up the US Worship team and will continue to grow through rehearsal and the leading of chapel worship each week. Worship Team members will also be challenged to explore the art of worship and develop effective stage leadership skills through formal study and group discussion. Members of the worship arts class interested in audio/video and lighting production will learn how to effectively run an advanced sound board, develop programming skills for stage lighting and assist in the overall production for each chapel service. This class is available by application and audition only.

PHYSICAL EDUCATION (9TH-12TH)

1.0 Credits Required for Graduation

PE credit can be earned in numerous ways apart from taking a PE course. Participation on an athletic team will earn .5 credits per season. Marching Band earns .5 credits for each season. Participation in Off-Season Strength and Conditioning will earn .5 credits per semester. With approval from the principal and the completion of the appropriate forms, a student can also earn PE credit through outside athletic participation that is not through Legacy. After earning the required 1.0 credit for graduation, no more credit is recorded on the transcript.

DIGITAL CITIZENSHIP: STRATEGIES FOR SUCCESS (9th-12th)



Two Semester Course Credit: 1.0 Format: Blended

The digital world seems to change every day, and touch more of our lives. We use technology to communicate with friends and family, find never-ending entertainment options, follow our favorite sports teams and fashion trends, and do our school work. In Learning in a Digital World: Strategies for Success you will get the tools to navigate this exciting and always changing world. Learn about real-world issues and how to solve real-world problems through interactive and hands-on assignments. Discover what it means to be a responsible digital citizen, expand your digital literacy, and become a successful online student. Consider the best ways to find, create, and share information, learn to maximize information and communication technologies, and explore digital content creation, from emails and blogs to social media, videos, and podcasts.

ELEMENTARY EDUCATION AID (11TH-12TH)

Two Semester Course Credit: 1.0 Format: Independent

Students will assist LCA teachers in early education grades up to 1st grade with educational tasks and learning initiatives. Students will receive Pass/Fail credit and the class will not calculate in the students' GPA. Students must apply and be approved by the associated principal(s).

OFFICE AID (11TH-12TH)

Two Semester Course Credit: 1.0 Format: Independent

Students will assist administrative staff in the Upper School office. Students will receive Pass/Fail credit and the class will not calculate in the students' GPA. Students must apply and be approved by the Upper School Administrative assistant.

COMMUNICATIONS AID (11TH-12TH)

Two Semester Course Credit: 1.0 Format: Independent

Students will assist LCA Marketing and Communications with projects related to LCA community. Great experience with social media, video production, graphic design, etc. for the student. Enrollment is limited and students will be chosen upon interview with the Director of Marketing. Students will receive Pass/Fail credit and the class will not calculate in the students' GPA

SCIENCE LAB AID (11TH-12TH)

Two Semester Course Credit: 1.0 Format: Independent

Science Laboratory Assistants (LA) must be high achieving students with a goal of being in a science-related field. LAs support the science department with laboratory organization and design, setup and tear down of lab stations, cleaning tools/instruments, clerical duties and other general classroom support services. When applicable, LAs will also provide content knowledge to support students. Students will receive Pass/Fail credit and the class will not calculate in the students' GPA. Students must apply and be approved by the Science Department Chair.



LEGACY CHRISTIAN ACADEMY

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@FriscoLegacy



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