

Lebanon Christian High School

Course Selection Guide



2023-2024

Building Christian Leaders † Preparing for the Future



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Message from the Principal

The information contained in this guide is to assist all students in planning their educational program at Lebanon Christian High School. This guide is designed to provide information for cooperative planning to meet individual educational objectives. Students are encouraged to work closely with parents and teachers to select an educational program that best suits their current and future aspirations. The selection of an individual's program of study should take into consideration individual abilities, interests, and goals.

The course descriptions are written to ensure that students schedule courses that are appropriate to their ability level and career interest that satisfy graduation requirements. Please read the course descriptions carefully, ensuring that you understand the prerequisites, expectations, and graduation requirements. Discuss classes with other students, teachers, and your parents to determine whether the level of difficulty of the class is what you expect and within your level of ability. Please complete your requests with considerable thought regarding graduation requirements, future interest, and level of difficulty.

Schedule Changes

Once schedules are finalized, changes will only be permitted for educational necessity with administrative approval. In the spring of each school year, students will be given the opportunity to select their course of study. As a result of this selection process, students are expected to follow through with your course commitments.

IMPORTANT: SCHEDULE REQUEST CHANGES MUST BE REQUESTED BY THE END OF THE FIRST FULL WEEK OF THE SEMESTER! WITHDRAWAL FROM HIGH SCHOOL CREDIT CLASSES AFTER THIS DATE WILL RESULT IN LOSS OF COURSE CREDIT AND A "WITHDRAWAL" ON YOUR TRANSCRIPT.

Course Offerings

In order to maximize staff resources and available course offerings, student requests will drive section numbers and course offerings. Administrative discretion may be exercised for upper-level courses and to ensure adequate credits are available to provide proper graduation requirements for all students.

Graduation Requirements

Required Course & Credits

Over the four years of high school, a student must earn 25 total credits to graduate from Lebanon Christian School.

- Bible (4 credits)
- English Language Arts (4 credits)

- Health (1/2 credit)
- Mathematics (4 credits)
- Physical Education (1/2 credit)
- Science (3 credits)
- Social Studies (3 credits)
- Electives (4 1/2 credits)
- Other requirements: Personal Finance (1/2 credit) and Fine Arts (1 credit)

State Testing and Graduation Requirements

Students must complete Ohio End of Course Exams and a national college entrance exam (the ACT or SAT), demonstrate competency and earn at least two diploma seals.

1) End of Course Exams - Students must take the Algebra I and English/Language Arts assessment to graduate. The remaining assessments will be taken by students to obtain necessary diploma seals.

End of Course Assessment	What course goes with this assessment?	When do I take this assessment?
Algebra I	Algebra I	Spring Freshman year
Biology	Biology	Spring Sophomore year
English/Language Arts	English 10	Spring Sophomore year
Geometry	Geometry	Spring Sophomore year
U.S. History	U.S. History	Spring Sophomore year
Government	Government	Spring Junior year

2) National College Entrance Exam - Students will take the ACT at least one time in their junior year to meet graduation requirements. Students will need to obtain a remediation free score in both Math (22) and English (18).

3) Demonstrate Competency - This will be done by attaining a “competency” score (684 or higher) on the Algebra I and English/Language Arts II end of course exams. If a student does not obtain a “competency” score they will be required to retake the exam and complete one of three options provided by the Ohio Department of Education.

4) Diploma Seals - Students must obtain at least two diploma seals in order to graduate. These 12 possible seals are shown in the table below.

Citizenship	College-Ready	Community Service
Fine and Performing Arts	Honors Diploma	Industry-Recognized Credential
Military Enlistment	OhioMeansJobs Readiness	Science
Seal of Biliteracy	Student Engagement	Technology

Honors Diploma

Honors Diploma Criteria - Students who wish to graduate with honors **must meet 7 of the 8 requirements.**

	Academic	Career Tech	STEM	Arts	Social Science & Civic Engagement
English	4 units	4 units	4 units	4 units	4 units
Math	4 units	4 units	5 units	4 units	4 units
Science	4 units including 2 advanced sciences	4 units including 2 advanced sciences	5 units including 2 advanced science	3 units including 1 advanced science	3 units including 1 advanced science
Social Studies	4 units	4 units	3 units	3 units	5 units
World Languages	3 units of 1 lang. or 2 units each of 2 languages	2 units of 1 world language	3 units of 1 language or 2 units each of 2 languages	3 units of 1 language or 2 units each of 2 languages	3 units of 1 language or 2 units each of 2 languages
Fine Arts	1 unit	N/A	1 unit	4 units	1 unit
Electives		4 units career technical	2 units with a focus in STEM	2 units with a focus in Fine Art	3 units with a focus in social sciences and/or civics
GPA	3.5	3.5	3.5	3.5	3.5
ACT/SAT/WorkKeys	27 ACT/1210 SAT	27 ACT/1210 SAT 6 WorkKeys Reading/ 6 WorkKeys Math	27 ACT/1210 SAT	27 ACT/1210 SAT	27 ACT/1210 SAT
Field Experience		Complete and document the experience in a portfolio	Complete and document the experience in a portfolio	Complete and document the experience in a portfolio	Complete and document the experience in a portfolio
Portfolio		Comprehensive portfolio of work based on field experience that has been reviewed and validated by experts in the field	Comprehensive portfolio of work based on field experience that has been reviewed and validated by experts in the field	Comprehensive portfolio of work based on field experience that has been reviewed and validated by experts in the field	Comprehensive portfolio of work based on field experience that has been reviewed and validated by experts in the field
Additional Assessments	N/A	Earn industry credential or proficient on OCTA	N/A	N/A	N/A

Lebanon Christian School Grading System

Letter Grade	Percentage
A	90 - 100
B	80-89
C	70-79
D	60-69
F	50-59

Semester/Final Exams

A semester/final exam will be administered at the end of each high school course semester. With the exception of administrative approval, each student is required to take the exam in every course in which he/she is enrolled. Cumulative assessments are an essential part of the educational process and preparation for post-secondary education expectations.

Final exam grades will comprise 20% of a student's overall course grade, with their course grade making up the other 80%.

Weighted Courses

Weighted grades are used for the determination of valedictorian and salutatorian. Certain courses will be weighted. For example, AP level and College Credit Plus courses will be weighted as well as Advanced courses offered at LCS.

College Credit Plus (CCP) Program

The state of Ohio makes provision for high school students enrolled in chartered non-public high schools to take college courses at no cost to the student. Through this program, the student takes course work for both high school credit and college credit (dual enrollment).

There are both advantages and disadvantages to participating in this program that students and their families are encouraged to evaluate prior to making the decision to participate. This state program is known as College Credit Plus. Taking CCP classes is a

privilege and requires hard work and dedication. Enrolling in college courses, while in high school, is not for every student, even if the student meets the academic requirements.

There are increased responsibilities for both the student and the parent. The very nature of the college grading system requires good honest communication between parents and students. College professors are not required to communicate with parents when concerns about the student's academic performance arise. Additionally, there are transportation factors to consider as well.

Course Request Process

- 1.** Review the Course Catalog for offerings, prerequisites, and course descriptions.
- 2.** Review your transcript for accuracy and for courses, grades, and credits already taken.
- 3.** Complete a Graduation Checklist form.
- 4.** Submit your course requests by the designated due date.
- 5.** Return your papers to the main office and sign up for a scheduling appointment with your school counselor.

Departments & Courses

Christian Education Department

Understanding The Faith

Grade: 9

Length: Year

Credit: 1

Does the Bible have authority in a world committed to relative truth? The understanding of absolute, objective truth has been largely lost. Spend just a few minutes discussing politics or religion and you'll hear responses like, "There is no truth!" or "That may be true for you, but not for me." Understanding the Faith dares to wade into the middle of the controversy with chapters such as: Is God Christian? Isn't Claiming Truth Intolerant? Is the Bible Anti-Science? This class is an overview of some of the main topics of our Christian Faith.

Understanding the Times

Grade: 10

Length: Year

Credit: 1

Understanding the Times is a classic invitation to the study of worldviews, and a guided tour of the answers to life's ultimate questions. Understanding the Times, examines the six most prominent worldviews influencing the world today (Christianity, Islam, Secularism, Marxism, New Spirituality, and Postmodernism), and it shows how their influence manifests in the key academic disciplines operating in America's institutions of higher learning today (Theology, Philosophy, Ethics, Biology, Psychology, Sociology, Law, Politics, Economics and History).

Understanding The Culture

Grade: 11

Length: Year

Credit: 1

Addressing issues such as gender identity, abortion, technology, and poverty, This class will challenge students to ask: How can an authentic Christian worldview provide a compassionate, effective witness in culture today? This class will first show what they can learn from Christian history and why today's issues might not be as new as they seem. Then they will go through the significant topics that affect them every day, offering biblical ideas for conversing with others in an increasingly hostile culture. This is the third class in the worldview trilogy that will equip students to apply a bold Christian witness to their relationships with loved ones, neighbors, and colleagues.

Apologetics

Grade: 11, 12

Length: Semester

Credit: 1/2

A study of the defense of Christianity, with emphasis on the biblical and theological foundation, methodology, and contemporary challenges to the truth of Christianity. Includes studying biblical truth through historical, scientific, moral, and opposing religious lens.

Global Studies

Grade: 11, 12

Length: Semester

Credit: 1/2

Global Studies is an elective course for high school students. The course is a one-semester course that investigates essential material related to both personal evangelism and worldwide missions. The content includes historical and biblical principles and information that describe the Christian worldview and how the Gospel message is shared. Students will not only learn about missions, but they will also be given opportunities to display their knowledge of the material and apply it to both everyday life and world outreach.

Intercultural Communications

Grade: 11, 12

Length: Semester

Credit: 1/2

Intercultural communications will equip students with the understanding, skills, and potential motivators necessary to effectively understand and incarnate the gospel, understand and navigate culture, and engage culture and cultures with the gospel in transformative ways.

Fine & Performing Arts Department

Visual Arts

Art I

Grade: 9, 10, 11, 12

Length: Semester

Credit: 1/2

This course is an introduction and overview of art and required for entry-level students before moving on. Students will learn the fundamentals of art, use various techniques, and learn to critique artwork. Students will demonstrate their ability to create excellent and praiseworthy artwork to glorify God.

Art II

Grade: 10, 11, 12

Length: Semester

Credit: 1/2

(Prerequisite: Art I)

This course is an extension of the information presented in Art I. Students will work with diverse and varied subject matter while learning about cultures, styles of art, and work created by established artists. Students will demonstrate their ability to create excellent and praiseworthy artwork to glorify God.

Art III (Honors)

Grade: 11, 12

Length: Full year

Credit: 1

(Prerequisite: Students must have earned a B or better in Art II and teacher recommendation)

A course designed for the upper-level art student who wishes to begin developing a portfolio, fine-tune and stretch his skills in a variety of media, and develop the use of art as a form of communication. This course will consist of advanced media techniques, a deeper look into art history (involving research by the student), and the beginnings of independent works of art. The student will also learn how an artist works (from concept to exhibit) and will develop the concept of using art for God's glory and honor.

Art IV (Honors)

Grade: 11, 12

Length: *Full year*

Credit: 1

(Prerequisite: Students must have earned a B or better in Art III and teacher recommendation)

This one- year course is designed for the art student who is interested in developing a portfolio of work that could be used for entrance to an art school or university for those who wish to pursue a career in art. Independent study in a variety of media will be completed to balance out the student's portfolio and high school art experience. Students will recognize they should be stewards of God's gift of creativity.

Sculpture

Grade: 9, 10, 11, 12

Length: *Semester*

Credit: 1

Students will explore a variety of art media and subject matter to create 3-dimensional works of art using the elements and principles of design. Media may include ceramics, natural materials, paper, wire, wood or recycled materials. They will learn about artists, cultures and art movements from around the world and throughout history to gain inspiration and an understanding of the role sculpture plays in our everyday lives. Students will learn how to constructively critique artwork in order to improve their creations and understand why artists make their works. They will also investigate the discipline of aesthetics to identify artistic style and how to develop their own unique, God-given style. A field trip to enhance learning and view sculpture first hand will be part of the semester experience.

Media Arts

Digital Photography

Grade: 10, 11, 12

Length: *Semester*

Credit: ½

(Prerequisite: digital camera)

This course is a traditional approach to photography where students will learn the basic skills of using a digital camera and photo editing software. Emphasis will be on creating dynamic compositions that demonstrate good layout and design principles. Activities will include a variety of editing experiences with filters, cropping, resizing prints, retouching, creating a photo portfolio and mounting prints for display. Students will be challenged to develop creativity, diligence, organizational skills, patience, and a cooperative spirit while working collaboratively.

Yearbook

Grade: 10, 11, 12

Length: *Full year*

Credit: 1

(Prerequisite: Digital Photography and permission from instructor)

A basic orientation of yearbook writing, layout, and design are provided in this course. Students will be responsible for the development of the current year's yearbook. Students will learn basic skills of interviewing, reporting, advertising budgets, layout, and design.

Performing Arts

Band

Grade: 7,8,9, 10, 11, 12

Length: *Full year*

Credit: 1

This performance group is the foundation of all instrumental programs and groups at Lebanon Christian School. The emphasis is on the basics of instrument playing, tone development, note reading, and general performance. Students will perform in at least two concerts during the year. Students are also required to participate in additional activities such as pep rallies.

Concert Choir

Grade: 9, 10, 11, 12

Length: *Full year*

Credit: 1

This performance group is designed for those students interested in performing with a mixed choral group. Emphasis is on the basics of tone production, harmony, ear training, breathing techniques, and

sight-reading. Students will explore developed skills in singing in multiple parts and will perform at 2 concerts during the year.

Music Technology Grade: 9, 10, 11, 12 Length: *Semester* Credit: *1/2*

This class will provide students with an opportunity to learn basic skills in music creation and production. We will use an online web resource called Bandlab for Education. In Bandlab, students will use a Digital Audio Workstation (DAW) to create mini songs using different instruments, pre-sampled loops, drum beats, synthesizer sounds, and other effects. Students can also import audio and MIDI files into a project and record through an internal or external microphone. Various projects will be assigned that are independent as well as collaborative in nature. Students will learn how to add loops to tracks, edit loops, and about the basics of musical form and song instrumentation.

English Language Arts Department

English 9 Grade: 9 Length: *Full year* Credit: *1*

The course will include a concentrated review of the fundamentals of English usage and will focus on practical experience in writing. Students learn to distinguish among basic modes of literature by reading short stories, poems, novels, and essays that differ in style and theme.

Honors English 9 Grade: 9 Length: *Full year* Credit: *1*

(Prerequisite: Qualifying Score on Rubric & Teacher Recommendation)

Students must have a qualifying score based on LCS Placement Rubric and teacher recommendation. This course will focus on a survey of American and British Literature. Students will read a wide variety of novels, poetry, fiction, and non-fiction pieces that make up the basis for both the American and British cannon. This course will also heavily dive into writing. Writings will deal with expository, persuasive, and creative formats. Students should expect a much more extensive workload and intensity level.

English 10 Grade: 10 Length: *Full year* Credit: *1*

The course will combine a general study of coming-of-age literature with a writing workshop. Students will learn to apply the conventions of English to their writing to become more effective communicators. Various types of literature will be studied and complemented with various essays and projects. Basic research will include the production of a research paper and presentation. Students will complete the English Language Arts End-of-Course Assessment at the conclusion of this course.

Honors English 10 Grade: 10 Length: *Full year* Credit: *1*

(Prerequisite: Successful Completion of Honors 9 and/or Teacher Recommendation)

Students must have a qualifying score based on the LCS Placement Rubric and teacher recommendation. This course will focus on a survey of American and British Literature. Students will read a wide variety of novels, poetry, fiction, and non-fiction pieces that make up the basis for both the American and British cannon. This course will also heavily dive into writing. Writings will deal with expository, persuasive, and creative formats. Students should expect a much more extensive workload and intensity level. Students will complete the English Language Arts End-of-Course Assessment at the conclusion of this course.

English 11 Grade: 11 Length: *Full year* Credit: 1

Students will trace the development of 20th Century American literature and its relationship with American society. This course focuses on the work of authors who have received both popular and critical acclaim. Further, students will write about personal experiences, complete research projects, and write literary analysis.

Honors English 11 Grade: 11 Length: *Full year* Credit: 1

(Prerequisite: Successful Completion of Honors 10 and/or Teacher Recommendation)

This course is designed as a fast paced, college preparatory with an emphasis on the study of American Literature in a historical context. Writing, reading, listening, speaking, and language activities are based on a critical study of the voices and themes that have influenced American literature over time. Students taking this class will read and survey American literature in a fast-paced survey style. They will read stories, poetry, essays, letters, public documents, novels, and plays beginning with European Explorers and Native American voices continuing to notable works of contemporary authors.

The focus of this course will be literary analysis and will require significant reading outside of the course.

English 12 Grade: 12 Length: *Full year* Credit: 1

The course continues the writing process as a focus that includes formal research, creative projects, literary analysis, and persuasion. Writing will be taught in conjunction with English and modern literature. Students will analyze short stories, poetry, mystery, and young adult novels, non-fiction, and contemporary music.

Interpersonal Communications Grade: 11, 12 Length: *Semester* Credit: ½

(Class does not count towards English credit)

Students will learn the principles of effective public speaking through the preparation and performance of informative and persuasive speeches, emphasizing accurate and effective language, posture, and movement. This class does include reading and analysis of speeches given throughout history. This course is typically taken during junior or senior year by those students who have completed English 10 or higher.

CCP/Honors Composition I Grade: Must Apply Length: *Semester* Credit: 1

(Prerequisite: Successful Completion of Honors 10, Acceptance into CCP Program)

This course is equivalent to ENG 1101 at Sinclair College (three credit hours). Students learn reflective, analytical, and argumentative writing strategies while incorporating sources and personal experiences. Students will negotiate between public and private rhetorical situations and purposes to achieve academic literacy. Students will write drafts using a recursive writing process working towards fluency and style in mechanics.

CCP/Honors Composition II Grade: Must Apply Length: *Semester* Credit: 1

(Prerequisite: CCP/Honors Composition I)

This course is the equivalent to ENG 1201 at Sinclair College (three credit hours). Students will build on skills from CCP/Honors Composition I and develop rhetorical literacy through research, critical thinking, and multi-genre writing tasks. Through major and minor, cumulative and stand alone assignments, students construct arguments and analysis, ethically incorporating academic sources while developing their own voices as writers and citizens.

Mathematics Department

Algebra I Grade: 9 Length: *Full year* Credit: 1

This course continues the study of Algebra from 8th grade math. The course will study exponents and exponential functions, polynomials, factoring, quadratic equations, radicals, rational equations, data analysis, and probability. Students will also be introduced to several topics in geometry. After taking this course, students will be prepared for Geometry or Honors Geometry (with teacher approval). Students will complete the Algebra I End-of-Course Assessment at the conclusion of this course.

Geometry Grade: 9, 10 Length: *Full year* Credit: 1

(Prerequisite: Algebra I)

This course studies the basics of segments, lines, angles, parallels, perpendiculars, polygons, congruent triangles, quadrilaterals, ratios, proportions in similar polygons, right triangles, circles, area, constructions, and coordinate geometry. Much work is done with formulas and equations. Proofs are included but are not a major component of the course. After taking this course, students will be prepared for Algebra II or Honors Algebra II. For students wishing to get ahead mathematically, this course and Algebra II or Honors Algebra II may be taken concurrently (with permission from teachers involved). Students will complete the Geometry End-of-Course Assessment at the conclusion of this course.

Honors Geometry Grade: 9, 10 Length: *Full year* Credit: 1

(Prerequisite: See description)

Freshmen students must have passed Algebra I with a B+ or better. Sophomores must have achieved a B+ or better in Algebra 1 and/or have teacher approval. This course surveys the basics of segments, angles, parallels, perpendiculars, polygons, congruent triangles, quadrilaterals, ratios, proportion of similar polygons, right triangles, circles, area, constructions, and coordinate geometry. The emphasis is placed on the application of material to deductive proofs and numerical formulas and equations (more so than the regular Geometry course). This course will prepare students for the accelerated math classes and the ACT/SAT. After taking this course, students will be prepared for Honors Algebra II. For students wishing to get ahead mathematically, this course and Algebra II or Honors Algebra II may be taken concurrently (with permission from administration/teachers involved). Students will complete the Geometry End-of-Course Assessment at the conclusion of this course.

Algebra II Grade: 10, 11 Length: *Full year* Credit: 1

(Prerequisite: Geometry or Honors Geometry)

This mathematics course contains a short review of linear functions and a major focus on nonlinear functions. Other topics included are fitting models to data, solving systems, working with exponents and roots (including radical notation), logarithms, polynomial functions, trigonometry, and matrices. This class prepares students for higher-level thinking and problem solving. NOTE: Students may take this course concurrently with Geometry or Honors Geometry.

Honors Algebra II Grade: 10, 11 Length: *Full year* Credit: 1

(Prerequisite: B+ or better in Geometry or Honors Geometry and/or teacher approval)

This mathematics course contains a short review of linear functions and a major focus on nonlinear functions. Other topics included are fitting models to data, solving systems, working with exponents and roots (including radical notation), logarithms, polynomial functions, trigonometry, and matrices. This

class prepares students for higher-level thinking and problem solving. This course is more in depth and moves at a faster pace than Algebra II. After taking this course, students will be prepared for Pre-Calculus and/or AP Statistics. NOTE: Students may take this course concurrently with Geometry or Honors Geometry.

College Algebra Grade: 11, 12 Length: *Full year* Credit: 1

(Prerequisite: Algebra II or Honors Algebra II)

Polynomial, radical, rational, exponential and logarithmic functions and their graphs; roots of polynomial functions, rational and polynomial inequalities; systems of linear and nonlinear equations; matrices; and applications.

Pre-Calculus Grade: 11, 12 Length: *Full year* Credit: 1

(Prerequisite: Honors Algebra II, College Algebra, or Algebra II with teacher approval)

This course will include the following topics: polynomial, radical, rational, exponential and logarithmic functions and their graphs, roots of polynomial functions, rational and polynomial inequalities, conic sections, systems of linear equations, sequences and series. Trigonometric functions of angles, solving right and oblique triangles, trigonometric identities and equations, vectors, radian measure, graphs of trigonometric functions, inverse trigonometric functions and applications. A scientific (non-graphing) calculator is required.

Calculus I Grade: 12 Length: *Full year* Credit: 1

(Prerequisite: Pre-calculus)

This course will include the following topics: cartesian coordinate system, functions, limits and continuity of functions, the derivative and its applications, the integral and the Fundamental Theorem of Calculus. Derivatives and integrals involving piecewise, polynomial, rational, algebraic, exponential, logarithmic, trigonometric, inverse trigonometric and hyperbolic functions and their inverses.

Physical Education/Health Department

Health Grade: 9, 10 Length: *Semester* Credit: $\frac{1}{2}$

Health is the study of the students' spiritual, physical, mental, and social health. The main goal for this course is for students to develop a knowledge of God as the Creator, a knowledge of health/science as it pertains to the human body, an attitude of respect for others as well as self, an attitude of responsibility, and a healthy lifestyle. This course is gender specific.

Physical Education I Grade: 9, 10 Length: *Semester* Credit: $\frac{1}{4}$

Physical education is designed to help students develop coordination and gross motor skills, display Christ-like sportsmanship, and learn basic rules of play in team and individual sports through a positive and fun atmosphere.

Physical Education II Grade: 10, 11, 12 Length: *Semester* Credit: $\frac{1}{2}$

This course involves learning and applying both the knowledge and practices of physical activity. Students will continue to build on the skills and concepts developed in PE I. Students will continue to develop both team and individual skills in relation to physical fitness. Students will apply knowledge and skills acquired

from the course in developing and setting lifelong goals for pursuing physical fitness and a healthy lifestyle.

PE Waiver

Grade: 9, 10, 11, 12

Length: *n/a*

Credit: None

Students must participate in two full seasons (90% minimum participation) of a qualifying sport/activity. Approved activities consist of interscholastic sports, marching band and cheerleading). Successful participation of the qualifying activity will waive the need to complete .5 credits of PE, .5 credits of alternate elective will need to be selected for graduation requirements. To participate students must indicate the course selection on their scheduling sheet, complete the PE Waiver Form within the first 10 days of your activities season and turn completed form into Athletic Director.

Science Department

Physical Science

Grade: 9

Length: *Full Year*

Credit: 1

This course is an introduction to basic conceptual and mathematical concepts in physics, chemistry, and earth/space science. These topics include: measurement, the metric system, motion, forces, energy, matter and changes in matter, atoms, the periodic table, our universe, and the planet earth.

Biology

Grade: 10

Length: *Full Year*

Credit: 1

Students will demonstrate an understanding of how living systems function and how they interact with the physical environment. This includes an understanding of the cycling of matter and flow of energy in living systems. An understanding of the characteristics, structure and function of cells, organisms and living systems will be developed. Students will also develop a deeper understanding of the principles of heredity, biological evolution, and the diversity and interdependence of life as well as various historical perspectives, scientific approaches, and emerging scientific issues associated with the life sciences. Students will complete the Biology End-of-Course Assessment at the conclusion of this course.

Chemistry

Grade: 11, 12

Length: *Full Year*

Credit: 1

(Prerequisite: Biology)

As a discipline, chemistry is the study of the properties, composition, and changes of matter. Students study basic atomic structure, the periodic table, chemical nomenclature, the mathematics of chemistry, chemical bonding, chemical reactions, stoichiometry, gas laws, and nuclear reactions. This course is intended for those students planning to attend college. Students are expected to have strong math skills and good study habits. The course fee covers the cost of laboratory chemicals.

Advanced Chemistry

Grade: 11, 12

Length: *Full Year*

Credit: 1

(Prerequisite: B+ or better in Chemistry and/or teacher approval)

Advanced high school level course that satisfies Ohio's science graduation requirements as required by section 3313.603 of the Ohio Revised Code, which requires inquiry-based laboratory experiences that engage students in asking valid scientific questions and gathering and analyzing information. Course develops specialized content to extend connections, depth, and detail of chemistry that emphasizes content beyond what is outlined in Ohio's New Learning Standards and Model Curriculum for Science, High School Chemistry. Content may include concepts in inorganic, organic, analytical, physical, or and biological chemistry.

Physics

Grade: 11, 12

Length: Full Year

Credit: 1

(Prerequisite: B+ or better in Chemistry and Algebra II and/or teacher approval)

This course is designed to provide students opportunities to study the conceptual, mathematical, and graphical concepts in physics. A working knowledge of algebra, geometry, and basic trigonometry is essential. The course covers the following topics: one-dimensional motion, two-dimensional motion, forces, conservation of energy and momentum, rotational motion, optics, and electromagnetism. Laboratory skills include the ability to make and interpret graphs, analyze small sets of data, and to design or create experiments in order to test or verify concepts covered in class. This course is recommended for students interested in pursuing a degree in science, math, engineering, and/or medicine. A graphing calculator is recommended.

Human Anatomy & Physiology I

Grade: 11, 12

Length: Full Year

Credit: 1

(Prerequisite: C or better in Biology)

This course is a study of the human body and its functions. It is designed for those students who are interested in medical-related careers. It stresses the structure and function of the body and its systems as they operate individually and as the total human organism.

Human Anatomy & Physiology II

Grade: 11, 12

Length: Full Year

Credit: 1

(Prerequisite: C or better in Human Anatomy & Physiology I)

This course is a continuation of the study of the human body anatomy with a strong emphasis on physiology. It is designed for those students who are interested in medical-related careers. It stresses the structures and function of the body and its systems as they operate individually and as the total human organism.

Social Studies Department

World History

Grade: 9

Length: Full Year

Credit: 1

This course examines world events from the Reformation to the present. It explores the impact of the democratic and industrial revolutions, the forces that led to world domination by European power, the wars that changed empires, the ideas that led to independent movements, and the effects of global interdependence. This course will challenge students to develop insights into many contemporary problems through acquiring a thorough, God-centered understanding of the origins and foundations of those problems.

American History

Grade: 10

Length: Full Year

Credit: 1

This course focuses on the United States in the 20th century, from an American, and Christian Perspective. God's providential hand throughout the past is highlighted. An important goal is to help students understand how modern history - people, events, ideas, and issues - have influenced their lives, as well as our nation's development in an interdependent world. This will be accomplished through an integrated study of historical, global/cultural, geographic, economic, political and governmental perspectives. Students will develop their critical thinking, research, writing, and reporting skills through projects and through an in-depth examination of themes and topics. Students will complete the U.S. History End-of-Course Assessment at the conclusion of this course.

World Geography Grade: 11 Length: Semester *Credit: ½.*

Exploring World Geography by Ray Notgrass is a semester high school course that describes and explains the world God created. Students will learn about mankind's interaction with the world both in the past and in the present. Your high school student will gain a rich understanding of physical and human geography through reading the narrative lessons, studying the maps and completing map assignments, reading literature about people and places around the world, completing writing assignments, hands-on projects, and gaining a Biblical perspective on world religions and culture.

American Government Grade: 11, 12 Length: Semester *Credit: ½*

Students will focus on the structure, concepts, and principles of American Government through an emphasis on timely as well as enduring issues related to our nation's governance. Students will examine such topics as the U.S. Constitution, Bill of Rights, federalism, law and justice. Students will spend one quarter dealing with economic concerns like deficit spending, market economy, and supply and demand. Students will be encouraged to participate as active citizens in the community. The skills of issue identification, data collection, problem-solving, and critical analysis will be emphasized. In addition, students will use primary source materials, engage in debates, simulations, and discussions, and write about enduring as well as contemporary issues. Students will complete the Government End-of-Course Assessment at the conclusion of this course.

Economics Grade: 11, 12 Length: Semester *Credit: ½*

This course is designed to expand on the concept of how people meet their needs and wants as well as many other aspects of the economic system. Critical thinking will be encouraged and emphasized as students learn to relate their real life experiences, needs, and wants to our current economic climate along with future outcomes. Content includes an overview of economics, microeconomics, macroeconomics, and personal finance.

Current Events Grade: 10, 11, 12 Length: Semester *Credit: ½*

This course analyzes events that are presently taking place. Sources for this class will include newspapers, magazines, and the Internet. This is an elective for upperclassmen interested in happenings in the world today. This class emphasizes class discussion and participation. Students will be required to discuss topics in a large group setting as well as give presentations to the class. Students will learn journalism skills and media bias while analyzing current events.

Psychology Grade: 11, 12 Length: Year *Credit: 1*

(Prerequisite: Modern & American History)

This course is designed to involve the student in the scientific study of theories and concepts related to the individual. Students learn basic psychological theories and concepts through classroom discussion and experimentation. Current topics in psychology are emphasized. This is recommended for students who plan on attending college.

The Second World War: 1939-1945

Grade: 10, 11, 12 Length: Semester *Credit: ½*

This course will explore the course of events of World War II with special focus on people that made a difference, the Holocaust, and the lessons to be learned. Students will actively explore this war in greater depth than previous history courses. Students will be immersed in project based learning. Films will be

used to enrich student understanding of the Second World War. This course is designed specifically for students with a passion for history and a willingness and desire to read and research World War II.

World Languages Department

Spanish I Grade: 9, 10, 11, 12 Length: Year Credit: 1

This course is an introduction to the Spanish language and Spanish-speaking cultures. The focus will be placed on beginning vocabulary and expressions that will build the foundation for further study. Basic grammar and writing skills in the present tense are covered. Emphasis is placed on interpersonal communication through discussion of daily routines and situations. Students will be exposed to the Spanish language for a good portion of class on a daily basis, and they will be expected to speak in the target language as much as possible. In this course, students will be introduced to various aspects of the cultures of different Spanish-speaking countries.

Spanish II Grade: 9, 10, 11, 12 Length: Year Credit: 1

(Prerequisite: B or better in Spanish I)

This course is a continuation of Spanish I with an increased focus on conversational, writing, and reading skills. A more advanced vocabulary is presented in addition to more complex grammatical structures, with a focus on the past tense. Students continue to explore various aspects of the cultures of different Spanish-speaking countries. Emphasis is placed on the development of skills needed for oral and written communication in Spanish. A great deal of the class will be conducted in Spanish and students are expected to speak the language as much as possible in class.

Spanish III Grade: 10, 11, 12 Length: Year Credit: 1

(Prerequisite: B or better in Spanish II)

This class introduces advanced grammatical structures as well as a much more complex and detailed vocabulary. Students work with various verb tenses such as present, past, future, conditional, and perfect tenses in the Spanish language in their daily conversations, in their written work, in their listening activities, and in authentic readings. In this class, students will focus on grammatical structures such as direct and indirect objects and commands. This class is conducted almost exclusively in Spanish and students are required to speak the language. Students will continue to explore the culture of Spanish-speaking countries and cultural discussions and presentations will be conducted in the target language.

Spanish IV Grade: 11, 12 Length: Year Credit: 1

(Prerequisite: B or better in Spanish III)

Communication skills are the focus and most essential part of this course; however, a more advanced study of grammatical structures is also provided. Students converse with the simple present, past, conditional, and future tenses, as well as compound tenses and progressive tenses. The subjunctive mood is also explored and utilized in depth, as it is essential to the Spanish language. The course seeks to expose students to more complex and detailed vocabulary and grammatical structures through thematic units that include topics from the cultures of different Spanish-speaking countries, including but not limited to history, literature, film, music, and art. This course is conducted in Spanish and students are required to speak Spanish in class. This course is designed for the serious, college-bound student, particularly those who wish to seek a college major or minor in Spanish.

Beginning American Sign Language I (CCP)

Grade: 9, 10, 11, 12

Length: Semester

Credit: 1

Students must be registered as a College Credit Plus student with Sinclair College. This course provides a foundation for non-signers to study American Sign Language (ASL) and learn about deaf culture. It includes principles, methods, and techniques for communicating with deaf individuals who sign. Focusing on the development of receptive and expressive sign skills, manual alphabet, numbers, sign vocabulary, syntax, grammar, and culture.

Beginning American Sign Language II (CCP)

Grade: 9, 10, 11, 12

Length: Semester

Credit: 1

(Prerequisite: Beginning ASL I)

Students must be registered as a College Credit Plus student with Sinclair College. This course allows students to continue to study American Sign Language (ASL) grammatical structure, vocabulary, fingerspelling, use of signing space, conversational regulators and introductory aspects of deaf culture.

Intermediate American Sign Language I (CCP)

Grade: 10, 11, 12

Length: Semester

Credit: 1

(Prerequisite: Beginning ASL II)

Students must be registered as a College Credit Plus student with Sinclair College. This course allows students to express abstract concepts in ASL using appropriate grammatical structure, signing space, vocabulary, fingerspelling, and non manual markers. The course also features continued development of conversational regulators and aspects of deaf culture.

Intermediate American Sign Language II (CCP)

Grade: 10, 11, 12

Length: Semester

Credit: 1

(Prerequisite: Intermediate ASL I)

Students must be registered as a College Credit Plus student with Sinclair College. This course expands students' ability to express abstract concepts in American Sign Language (ASL), further develops vocabulary and receptive and expressive fluency. Read and discuss topics related to deaf culture. Development of basic interpreting skills through classroom activities. Deaf community interaction required.

Additional Courses

Personal Finance

Grade: 10, 11, 12

Length: Semester

Credit: ½

This course is designed to assist students in making biblical decisions concerning finances. The knowledge and skills of this course will help provide the student with valuable tools to be a good steward of personal finances.

ACT Prep

Grade: 10, 11, 12

Length: Semester

Credit: ½

This course will familiarize students with the content and format of the ACT exam. Students will learn test-taking strategies specifically related to the ACT, as well as review English, math, and science content. They will take practice tests to prepare for the ACT. Students will be placed with a math teacher for a quarter and then be placed with an English teacher for the other quarter. This course will be pass/fail. A fee will be assessed to cover the cost of an ACT manual that students will keep.

Career Exploration Grade: 12

Length: Semester

Credit: ½

Career exploration is when you attend Lebanon Christian High School for four periods. You then leave to go to work or an internship. You must work at least 7.5 hours a week. You will be responsible to turn in your pay stub or timesheet each week to the counseling office. You may be required to provide written reflections about your work/internship experience. You will then receive a work-study credit by working the required hours outside of school. You must pick up an application in the Counseling Office.

You must:

1. Miss 11 or fewer days your junior year
2. No more than 3 classes needed to graduate
3. Must have an approved job placement by school counselor
4. Have a job or approved internship placements
5. Turn in your pay stub each week/biweekly to School Counselor
6. Keep grades above a C- at interims and the end of the quarter, or you will be removed from Career Exploration for at least one week and must attend study hall during the periods you are assigned to Career Exploration. Your counselor will check your grades again after one week; if your grades are back to a C-average, you can resume Career Exploration. If not, you will attend study hall until you receive a C-average. If you leave school when you are supposed to be in study hall, it will be counted as an unexcused absence, and you will face any and all consequences for unexcused absences.

Office Aide

Grade: 11, 12

Length: Semester

Credit: ½

(Prerequisite: Administrative approval)

This is a one semester Pass/Fail course. Students will learn the procedures for assisting the administrative assistant in managing the office. The student will become proficient in general office skills including answering phones, basic computer skills, making copies, delivering mail, filing, and doing errands. The student will focus on executing detailed and sequential instructions. The student will demonstrate patience, respect, a willingness to learn, and confidentiality.

Teacher Aide

Grade: 11, 12

Length: Semester

Credit: ½

(Prerequisite: Interest in a teaching career and permission of instructor)

This is a one semester Pass/Fail course. This course is designed for students to learn the procedures for assisting the teacher. The student will learn to solve basic problems and work effectively with adults and peers. The student will demonstrate patience, respect, a willingness to learn, and confidentiality.