



# Berean

CHRISTIAN

Course Catalog  
2024-2025

## Table of Contents

How to Use This Catalog .....	3
General Information .....	4
Fees and Expenses .....	5
General Academic Information .....	7
Standardized Testing .....	10
BCHS Graduation Requirements .....	11
CSU and UC Admission Requirements .....	12
UC "A-G" Subject Requirements .....	13
Course Descriptions .....	14

## HOW TO USE THIS CATALOG

1. Read the General Information section.
2. Consider the tentative course schedule you created with your College and Career Counselor.
3. Review the courses and course descriptions.
4. Check the prerequisites for the courses you need or want.
5. Review the requirements for colleges to determine which courses must be taken.
6. Log into Family Portal in FACTS and complete the following steps:
  - a. From the menu on the left, select **Student**.
  - b. Select **Course Request** on the left.
  - c. **Read and follow all directions carefully.**
  - d. Select seven primary courses and at least two alternate courses.
  - e. **Click SAVE at the bottom of the page!** (There is no confirmation screen or email.)

Be sure you have met the necessary prerequisites for all classes. Please note that some classes require a teacher recommendation. Unless noted otherwise, all classes meet for the full year, and all students are expected to be enrolled for the entire course.

## **GENERAL INFORMATION**

This course catalog has been prepared to help you plan your high school program. If you have plans to go to a specific college or university after high school, you will need to consider carefully which courses you must take each year in order to fulfill that college or university's admission requirements. The College and Career Center is an excellent place for you to begin searching for information about the school you may attend after high school.

It is advisable that both the student and the parents read the catalog together before making class selections. Please refer to the Parent Student Handbook for more detailed academic information that is not found in this catalog.

**Course offerings are determined by enrollment. If a minimum number of students do not enroll in a scheduled class, the school may cancel the class.**

Before a student's schedule is finalized in the database, the student must be current with re-enrollment registration fees and any outstanding tuition that is due the school.

Students may request class schedule changes during the first two weeks of each semester only if absolutely necessary. Late changes can be requested by a parent or a teacher if a parent teacher conference is held. A Schedule Change Form is available from the Director of Academics. Teachers' and parents' signatures, along with approval from the Director of Academics, are needed before the change is actually made. Classes may not be dropped after the midpoint of the semester.

A student wishing to take honors and advanced placement courses must meet certain prerequisites. These approvals are tentative until the student's second semester grades are reviewed to validate that the student has met the stated prerequisites. **All honors and advanced placement classes require a full year commitment by the student.**

## FEES AND EXPENSES

***Please refer to the current Tuition and Fee Schedule in FACTS for the most up-to-date information.*** In addition to the tuition and mandatory fees described on the schedule, most students will incur additional fees depending upon class, activity, and transportation selections. The most common fees are described below. Upon evaluation, new offerings not listed below may also be assessed fees.

### **P.E. Clothing and Locks**

These items are purchased by incoming students and may be used throughout the student's tenure at Berean:

- Locks - \$25 (Students will keep their locks during the summer. If a student loses the lock, a replacement for \$25 can be purchased at Registration or in the front office.)
- P.E. Clothes - For students enrolled in P.E. or weights class, use of BCHS P.E. shorts (\$10) and shirt (\$10) are required (optional: sweatpants, sweatshirt, and/or additional shorts and shirts available at additional cost).

### **Class/Lab Fees**

\$15 per semester

- Art Classes (all levels)

\$30 per semester

- Graphic Arts and Design I and II

\$40 per semester

- Anatomy and Physiology
- Athletic Training and Advanced Athletic Training
- Computer Science (all courses)

\$95 per semester

- Engineering Electives

\$100 assessed second semester only

- Per each AP class

\$100 per month, August through May

- Resource Class

### **Other Potential Fees**

**TBD**—exact amounts will vary from year to year. Parents are responsible to read all Berean correspondence and attend informational meetings to be informed of full financial commitments required for various activities, clubs, and performance groups. Amounts shown are the typical range for recent years:

- Advanced Drama and Stagecraft mandatory tour & t-shirt/sweatshirt: \$500-\$550
- Advanced Choir mandatory tour: \$500-\$550
- Performance clothing for Advanced Choir and Chorale: \$75-\$100

- Cheerleading: \$1,000-\$1,500 per year for uniforms and accessories, travel fees, competition fees, camps, etc.
- Shakespearean Literature class mandatory plays and festival trip: \$300-\$450
- Club dues & gear: (e.g. Model UN: \$100-\$150; Robotics Club: \$150-\$250)
- Late AP exams: \$25 per each ½ hour of exam proctoring

### **Athletic Fees**

Charged to all students participating in interscholastic sports in a given school year:

- All sports = \$395 per student per sport

Notes:

- 1) Although uniforms, basic equipment, officiating, coach training, league dues, and facilities are covered by the above base fee for most sports, most teams require additional items to be purchased (e.g. footwear, warm-ups, swimsuits, snacks & hydration, team auction basket donation, other gear) which will result in account charges and/or out-of-pocket expenses in addition to the sports fee above. For some sports, costs beyond the base fee can be substantial (up to several hundred dollars); parents are responsible to read all correspondence and attend team informational meetings to learn the full financial commitment required for participating in a particular sport. Some teams offer (or require) fundraising to help offset these additional fees.
- 2) The base sports fee above will not be charged for students who choose to withdraw from the team within two weeks from the start of their participation, although any charges for personalized gear or supplies ordered on behalf of the student will remain due. Students leaving the team after two weeks of participation will still be responsible for the full sports fee and any additional charges, as will students joining the team mid-season.
- 3) Upon approval of the Athletic Director, a portion of the base sport fees may be refunded at the rate of \$10-\$20 per game for selected parental team volunteer services.
- 4) The Berean Christian Booster Club provides partial scholarships toward the base fee for student athletes with financial need in exchange for a service commitment. See Berean's website for the Booster scholarship application.

### **Transportation Expenses**

- Berean offers bus transportation to and from school from selected locations in Contra Costa County. Students are billed per one-way trip, and fee per ride depends upon bus stop location used (e.g. varying from \$3.00 per trip to/from Walnut Creek to \$5.50 per trip to/from Brentwood in recent years). Fees and routes are subject to change based on demand and fuel costs. For current information, check out the Bus Schedule link on our website.
- Students who drive to BCHS must purchase an annual parking pass (\$25).

### **Other Optional Expenses**

Athletic events, drama and music productions, banquets and socials, yearbooks, school photos, dual-credit fees for courses offering college credit, etc.

## GENERAL ACADEMIC INFORMATION

### 1. High School Credit Hours

Every full-year course is divided into two semesters. For each semester completed, the student will receive five credit hours on his transcript. A credit hour is defined as a period of 40-60 minutes of instruction a day for no less than 15 weeks. Since each class meets the equivalent of five 40-60 minute periods a week, each class will be assigned five credit hours per semester.

A student completing six full-year courses each year for four years will meet the minimum requirement of 240 credit hours for graduation.

A student will not receive any credit hours for a class in which they earn a semester grade of an F. They will have to repeat the course if it is a graduation requirement and will not be able to continue to the next level until the prerequisite has been completed.

### 2. Grade Point Average – GPA

The grade point is the value that corresponds to each grade given at the end of the semester. The GPA is dependent upon the credit hours.

The grade point values for all classes except AP/Honors classes are as follows:

A=4 B=3 C=2 D=1 F=0

Note: Pluses and minuses are not considered when the GPA is computed.

AP and Honors classes are based upon a 5 grade point value:

A=5 B=4 C=3 D=2 F=0

In order to compute the GPA, add the total number of grade points and divide by the number of courses. For example:

Example 1				Example 2		
Course	Grade	Points		Course	Grade	Points
Bible	A	4		Bible	B	3
English	C	2		AP English	A	5
Math	B-	3		Math	A	4
Science	C+	2		AP Science	B	4
History	F	0		History	A	4
Physical Ed.	A-	4		AP Art	A	5
	15/6 =	2.50 GPA			25/6 =	4.17 GPA

The GPA is computed and recorded each semester and is called the semester GPA.

Each semester the grades are averaged with grades from all previous semesters in order to determine the cumulative GPA.

### **3. Promotion**

When the student is accepted for re-enrollment, he will automatically be promoted if he has earned the minimum number of credits to enter the next grade in August. Minimum credit totals are as follows:

To enter 10th grade, a student must have 50 credits.

To enter 11th grade, a student must have 110 credits.

To enter 12th grade, a student must have 175 credits.

### **4. Semester Exams**

At the end of each semester, exams will be scheduled. The schedule will be published and made available to all families. All students are expected to take these exams.

All students are expected to take final exams. The exception to this rule is for second semester seniors who have maintained at least a B average for the semester. At the teacher's discretion, these students may be exempt from taking the final exam in those classes. Students are encouraged to take the final exam if they can improve a B to an A. Seniors who are exempt from all finals are permitted to take the last days off from school following Senior Chapel.

### **6. Honor Roll and Principal's Honor Roll**

Though not published publicly, students are considered to be on the Honor Roll if they have a 3.5 to 3.9 GPA without any F's or drops in current work at the end of each semester. Students are likewise considered to be on the Principal's Honor Roll if they have a 4.0 (or above) GPA without any F's or drops in current work.

### **7. California Scholarship Federation (CSF)**

Eligibility for membership is determined at the beginning of each semester based upon the previous semester's grades according to the standards of the CSF. As a general rule, students who earn two A's for every B in university preparatory courses will be eligible. Membership is not automatic to those who are eligible; interested students must apply for membership on an individual basis within the first three weeks of each semester. Membership application instructions will be announced in the Berean Daily.

### **8. Transcripts**



Students requesting transcripts for college applications, scholarship applications, etc., must make a formal request to our Registrar. Requests should be made through Berean's website. Five business days are required for processing transcripts; same day requests cannot be honored.

## **9. Student Athletes**

Students are encouraged to register with and consult the NCAA/NAIA websites for current eligibility requirements. In addition, students should work closely with the college counselor in planning a course of study to meet eligibility requirements.

## **STANDARDIZED TESTING**

### **PSAT/NMSQT (Preliminary Scholastic Assessment Test/National Merit Scholarship Qualifying Test)**

The preliminary/practice SAT is administered nationally in October to freshman, sophomore, and junior students. Junior year scores can qualify students for the National Merit Scholarship Program. By taking this test, students become familiar with the type of questions found on the SAT. Visit [www.collegeboard.org](http://www.collegeboard.org) for more details.

### **SAT (Scholastic Assessment Test)**

Although the SAT is no longer required for college admissions at some colleges, the requirement is being reinstated at many colleges and taking the exam is recommended as part of the financial aid/scholarship process even at many colleges who do not require the exam for admissions. Registration information is available at [www.collegeboard.org](http://www.collegeboard.org).

### **ACT (American College Test)**

Although the ACT is no longer required for college admissions at some colleges, the requirement is being reinstated at many colleges and taking the exam is recommended as part of the financial aid/scholarship process even at many colleges who do not require the exam for admissions. Register online at [www.actstudent.org](http://www.actstudent.org).

### **AP (Advanced Placement)**

Advanced Placement exams are given in May. A score of 3, 4, or 5 (out of 5) will often enable a student to receive college units of credit upon matriculation to a college or university. Visit [www.collegeboard.org](http://www.collegeboard.org) for more details.

## BEREAN CHRISTIAN GRADUATION REQUIREMENTS

SUBJECT	GENERAL HIGH SCHOOL DIPLOMA	
Bible	40	
English	40	
Social Studies	30	
Math	30	See Note 1
Life Science	10	
Physical Science	10	
Language Other Than English (LOTE)	0	See Note 2
Physical Education	20	See Note 3
Visual and Performing Arts	10	See Note 2
Electives	50	
Total Credits Required for Graduation	240	

A minimum of 240 semester credits is required to be completed by all students for graduation from Berean Christian High School. Students are encouraged to acquire additional credits in the areas of math, science, English, and language other than English (LOTE). Consult **UC & CSU Admission Requirements** for additional details. It is advisable that students consider taking classes in leadership as well as being involved in a variety of extracurricular activities in order to prepare best for college admissions.

Notes:

- 1) Must include Algebra I and Geometry.
- 2) It is acceptable to take 10 units of language other than English (LOTE) in place of visual or performing arts or ten units of visual or performing arts in place of a language other than English (LOTE).
- 3) Two years required for graduation. One year must be a P.E. course (including health) and the other year may be a second P.E. course or completion of two seasons of our sports program.

## CSU AND UC ADMISSION REQUIREMENTS

### California State University System - CSU

Minimum eligibility requirements for students entering 2024-2025  
(Please look at [www2.calstate.edu/apply](http://www2.calstate.edu/apply) for current eligibility index.)

English	4 years
Math*	3 years; 4 years recommended
World History	1 year
U.S. History	1 year
U.S. Government	1/2 year
Lab Science**	2 years
Language Other Than English (LOTE)***	2 years
Visual or Performing Arts	1 year
Elective****	1 year

\* Must include Algebra I, Geometry, and Algebra II

\*\* Must include 1 year of life science and 1 year of physical science

\*\*\* Must include 2 years of the same language

\*\*\*\* Elective is chosen from a subject area listed above

GPA of 2.0 or above

### University of California System - UC

Minimum eligibility requirements for students entering 2024-2025  
(Please look at <http://admission.universityofcalifornia.edu/freshman/requirements/> for current eligibility index.)

English	4 years
Math*	3 years; 4 years recommended
World History	1 year
U.S. History	1 year
U.S. Government	1/2 year
Lab Science**	2 years
Language Other Than English (LOTE)***	2 years; 3 years recommended
Visual or Performing Arts	1 year
Elective****	1 year

\* Must include Algebra I, Geometry, and Algebra II

\*\* Must include biology, chemistry, or physics

\*\*\* Must include 2 years of the same language

\*\*\*\* Elective is chosen from a subject area listed above

GPA of 3.0 or above

## UC “A-G” SUBJECT REQUIREMENTS

### **“a” History/Social Science – 2 years required.**

Two years of college-preparatory history/social science, including one year of world history, cultures or historical geography; and one year of U.S. history; or one-half year of U.S. history and one-half year of civics or American government.

### **“b” English – 4 years required.**

Four years of college-preparatory English composition and literature, integrating extensive reading, frequent writing, and practice listening and speaking with different audiences.

### **“c” Mathematics – 3 years required, 4 years recommended.**

Three years of college-preparatory mathematics (four years are strongly recommended) including or integrating topics covered in elementary algebra, two- and three-dimensional geometry, advanced algebra. Also acceptable are courses that address the above content areas and include or integrate probability, statistics, or trigonometry.

### **“d” Laboratory Science – 2 years required, 3 years recommended.**

Two years of college-preparatory science, including or integrating topics that provide fundamental knowledge in two of these three subjects: biology, chemistry, and physics. One year of approved interdisciplinary or earth and space sciences coursework can meet one year of the requirement. Computer science, engineering and applied science courses can be used in area D as an additional science (i.e., third year and beyond).

### **“e” Language Other Than English – 2 years required, 3 years recommended.**

Two years of college-preparatory coursework (or through the second level of high school instruction) of the same language other than English (three years are recommended). Language levels are defined by the number of years of high school instruction (e.g., LOTE 1=1 year; LOTE 2=2 years, etc.).

### **“f” Visual and Performing Arts (VPA) – 1 year required.**

One year of college-preparatory visual and performing arts chosen from one of the following disciplines: dance, music, theater, visual arts (e.g., painting, web/graphic design, film/video, inter/multimedia arts), or interdisciplinary arts.

### **“g” College Preparatory Electives – 1 year required.**

One year of college-preparatory coursework chosen from courses approved specifically in the elective (G) subject area or courses approved in the A-F subject areas beyond those used to satisfy the requirements of the A-F subjects.

# COURSE DESCRIPTIONS

## History/Social Science (“a”)

### **1510 World History**

Two Semesters

Prerequisite: None

World History is a freshman level course designed to establish in the mind of the student the preeminence of God in the affairs of man throughout history. This course will cover the major historical events starting with creation and ending with the present. It is designed to provide an opportunity for the student to gain a richer understanding of our Christian heritage while developing the academic skills necessary for upper-level history courses. The student will work to develop critical thinking and reasoning skills. To receive credit for this course, students must complete a research paper written in cooperation with the English I class. **UC/CSU**

### **1530 United States History**

Two Semesters

Prerequisite: Junior status

The goal of this course is for the students to learn about the emergence and development of the United States under the sovereignty of God. The course is designed for students to develop gratitude to God for the blessings of America and the ability to practice Biblical discernment in evaluating the actions of government and developments in society. At the same time, students will develop the academic skills necessary for upper-level history and social studies courses. **UC/CSU**

### **1641 Economics/1641 US Government & Politics**

Two Semesters

Prerequisite: Senior status

Economics is a fall semester course which introduces students to the basic principles of America's complex economic system including competition, supply and demand, property and monetary and fiscal policy. It is designed to help students develop analytical thinking and reasoning skills necessary to become effective, responsible citizens and consumers. US Government & Politics is a spring semester course designed to give students a thorough understanding of the structure and process of our government including the function and operation of each branch. As students understand their rights and responsibilities in this country, they are able to become informed citizens who become involved in the political process. **UC/CSU**

## **1640 Economics/1642 AP US Government & Politics**

Two Semesters

Prerequisite: Senior status; able to read and understand college-level material; successful completion of writing assessment

This is a year-long course that integrates government and economics and meets the state mandated civics/economics requirements. The purpose of this class is to examine government at the federal, state, and local levels. Throughout the course, students will consider the ways in which government, in this country, is organized, the ways in which people participate, the many functions that government has and the way in which it carries out those functions. Students will examine how their faith will influence their participation in civics and how God and government can be connected. Class activities will include lectures, mini projects, simulations, group work, and small group discussions concerning the organization and tasks of governments. Students who earn a qualifying score on an AP Exam are typically eligible, in college, to receive credit, placement into advanced courses, or both. **UC/CSU**

## **1550 AP United States History**

Two Semesters

Prerequisite: Junior status; A in World History and English II/Honors English II; B in World History and English II/Honors English II considered with teacher recommendation and meeting with APUSH teacher; successful completion of a writing assessment; **mandatory summer homework assignment**

This advanced placement course provides an in-depth survey of US History designed to demonstrate the emergence of a great country under God's guidance and intervention. The class emphasizes extensive reading, writing, and primary source analysis. This course is intended to enhance the student skills of critical thinking, document analysis, information organization, and essay writing. Students who earn a qualifying score on an AP Exam are typically eligible, in college, to receive credit, placement into advanced courses, or both. **UC/CSU**

## **1520 AP European History**

Two Semesters

Prerequisite: Sophomore, Junior, or Senior status; A in both most recent English class and World History; B in English and World History considered with teacher recommendation and meeting with AP Euro teacher; successful completion of writing assessment; **mandatory summer homework assignment**

This advanced placement course provides an in-depth survey of Western European history from 1350 to the present. The class emphasizes extensive reading, writing, and primary source analysis. This course is intended to enhance the student skills of critical thinking, document analysis, information organization, and essay writing. Students who earn a qualifying score on an AP Exam are typically eligible, in college, to receive credit, placement into advanced courses, or both. **UC/CSU**

## **1645 AP Comparative Government and Politics**

Two Semesters

Prerequisite: Sophomore, Junior, or Senior status; able to read and understand college-level material; successful completion of writing assessment; **mandatory summer homework assignment**

This course is designed to provide students with a comprehensive understanding of political systems and structures across various countries. These countries include the United Kingdom, Russia, China, Nigeria, Mexico, and Iran. Through comparative analysis, students will explore the political frameworks, institutions, and behaviors that shape government and politics on a global scale. This course introduces students to key concepts in political science, emphasizing the comparative study of political systems, ideologies, and the impact of historical and cultural factors. Students will delve into the examination of different political structures, including democracies, authoritarian regimes, and hybrid systems, allowing them to critically analyze the strengths and weaknesses of each. Students who earn a qualifying score on an AP Exam are typically eligible, in college, to receive credit, placement into advanced courses, or both. **UC/CSU**

### **1710 AP Psychology**

Two Semesters

Prerequisite: Senior status; A/B in AP English Language/A in American Literature OR B in American Literature with successful completion of writing assessment; **mandatory summer homework assignment**

The AP Psychology course is designed to be the equivalent of the Introduction to Psychology course usually taken during the first year of college. It is a course designed “to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice” (*Advanced Placement Course Description in Psychology*). Areas of study for this course include personality development, emotional development, mental health, parenting principles, psychoanalysis, learning, family and social relationships, communication, systems of fundamental psychology, and a systematic integration of biblical principles to human behavior and cognition. Students who earn a qualifying score on an AP Exam are typically eligible, in college, to receive credit, placement into advanced courses, or both. **UC/CSU**

## **English (“b”)**

### **1010 English I**

Two Semesters

Prerequisite: None



Basic grammar skills will be studied, reviewed, and applied in this college preparatory course. Thinking and writing skills will be creative and analytical. A research paper will be required in order to pass the course. All skills will be incorporated throughout their literary studies. The student literature program is a complete program offering high quality, appealing, traditional and contemporary literary selections. Studying the short story, nonfiction, novel, and drama introduces students to those critical reading skills that are necessary for understanding literature. These activities will be geared toward helping them appreciate writers' vocabulary and discussing literature from a Christian viewpoint. **UC/CSU**

## **1020 English II**

Two Semesters

Prerequisite: Satisfactory completion of English I

English II is a college preparatory course integrating language arts skills with various genres of literature. Particular attention will be given to the areas of oral and written communication, grammar rules and usage, critical thinking, and reading strategies. Each student will be responsible for a variety of original writing. **UC/CSU**

## **1025 Honors English II**

Two Semesters

Prerequisite: A in English I (teacher approval for B) and successful completion of writing assessment; **mandatory summer homework assignment**

In addition to everything covered in English II, the honors version includes more frequent writing exercises, an emphasis on higher order thinking, more advanced structure in writing, Socratic style class discussions, the creation of a writing portfolio, frequent self-evaluations and peer reviews, the addition of a second term paper, a focus on debate skills, and more in-depth analysis for each unit. Students will learn to apply research and critical thinking to each unit, taking a more collegiate and independent approach to learning. **UC/CSU**

## **1030 American Literature**

Two Semesters

Prerequisite: Junior status

American Literature is a college preparatory course that integrates the language arts skills (reading, writing, speaking, and listening) into a chronological survey of the literature of the United States. This integration focuses on critical thinking, analysis, and literary criticism, expressed both through discussion and through academic writing. We will focus on literature as both a response to cultural movements and as a culture-making force. Students are responsible for the formulation, development, and revision of a research paper. As this paper is a requirement, no student will receive a quarter grade without its completion. **UC/CSU**

## **1050 AP English Language and Composition**

Two Semesters

Prerequisite: Junior status; academic preparation for challenging coursework that focuses on analytical/argumentative writing, rhetorical analysis of non-fiction texts, and the decisions writers make as they compose and revise; successful completion of writing assessment; **mandatory summer homework assignment**

The Advanced Placement English Language and Composition course integrates the language arts skills of reading, writing, analytical thinking, listening, and speaking into the study and application of various forms of writing, both expository and creative. This integration includes critical thinking, analysis, vocabulary development, grammar, and mechanics. Based primarily upon non-fiction essay sources, the course will include some poetry and fiction as well. Students will respond to written and visual work with articulate, well-reasoned essays and reflections. Term paper and portfolio are required. Students who earn a qualifying score on an AP Exam are typically eligible, in college, to receive credit, placement into advanced courses, or both. **UC/CSU**

## **1040 British Literature**

Two Semesters

Prerequisite: Senior status

British Literature is a college preparatory course that integrates the language arts skills into the reading of a chronological survey of English literature. This integration includes grammar and mechanics, critical thinking, writing, analysis, literary criticism, vocabulary study, and extemporaneous speaking while looking at literature from a Christian perspective. A research paper is required in order to pass this course. **UC/CSU**

## **1045 Honors Shakespearean Literature and Composition**

Two Semesters

Prerequisite: A/B in AP English Language or A in American Literature (lower grade requires both teacher recommendation and writing sample); **mandatory summer homework assignment**; additional costs associated with required plays/festivals

This course is an in-depth study of Shakespearean literature all centralized around key themes within the study of human nature; predominantly, identity, role of man in society, as well as leadership and relationships, will be provided in this course. Through an incorporation of grammar and mechanical studies, critical thinking, analytical writing, literary criticism, as well as a variety of both extemporized and structured oral presentations, students will be prepared not only for their collegiate courses following high school, but also a climate which, most often, rewards language skills and oral delivery. While in this class, literature will be studied through a Christian worldview, allowing students to intelligently analyze and compare with worldviews that may compete with his or her own. **UC/CSU**

## **1060 AP English Literature and Composition**

Two Semesters

Prerequisite: A in AP English Language and Composition OR B in AP English Language and Composition or A/B in American Literature with teacher recommendation; students not meeting grade standard in either class require **both** current teacher recommendation and writing sample; **mandatory summer homework assignment**

The Advanced Placement English Literature course is designed to enable a Christian student to evaluate fiction, drama, poetry, and non-fiction from a Biblical worldview so that he appreciates God's common grace in the creative gifts, so that he can discern the truth and reject the falsehood in all that he reads, so that he can assess his Christian position in today's culture, and so that he can effectively express himself in expository writing. Term paper and portfolio are required. Students who earn a qualifying score on an AP Exam are typically eligible, in college, to receive credit, placement into advanced courses, or both. This course has a dual credit option available with Colorado Christian University: Students are eligible to earn elective college credits which are fully transferable to most universities by paying an additional fee and completing all course requirements. **UC/CSU (Dual Credit Option)**

## **Mathematics (“c”)**

### **2000 Algebra IA**

Two Semesters

Prerequisite: Arithmetic, qualifying score on Berean's math placement assessment

This college preparatory course covers the first half of Algebra I in two semesters. Skills include learning the language of mathematics; solving one-step and multi-step single-variable equations and single-variable inequalities; representing relations; identifying, writing, graphing, and analyzing linear functions and linear inequalities; solving systems of linear equations and linear inequalities involving two variables and two equations; and modeling situations mathematically. Pace and depth of instruction fit students who need additional time learning algebra. **UC/CSU**

### **2005 Algebra IB**

Two Semesters

Prerequisite: Minimum grade of C in Algebra 1A

This college preparatory course covers the second half of Algebra I in two semesters. Skills include simplifying rational expressions and radical expressions; classifying, adding, subtracting, multiplying, and factoring polynomial expressions; describing, analyzing, and graphing quadratic functions; solving quadratic equations; representing and analyzing data; and analyzing probability. Pace and depth of instruction fit students who need additional time learning algebra. **UC/CSU**

## **2010 Algebra I**

Two Semesters

Prerequisite: Arithmetic; qualifying score on Berean's math placement assessment

This college preparatory course covers Algebra I in two semesters. Skills include learning the language of mathematics; solving one-step and multiple-step single-variable equations and single-variable inequalities; representing relations; identifying, writing, graphing, and analyzing linear functions and linear inequalities involving two variables and two equations; modeling situations mathematically; simplifying rational expressions and radical expressions; classifying, adding, subtracting, multiplying, and factoring polynomial expressions; describing, analyzing, and graphing quadratic functions; solving quadratic equations; representing and analyzing data; and analyzing probability. **UC/CSU**

## **2020 Geometry**

Two Semesters

Prerequisite: Minimum grade of C in Algebra I; qualifying score on Berean's math placement assessment

This course applies a deductive approach to learning the principles of geometry. Emphasis is put on problem solving, visual patterns, and proofs. Topics covered are angles, congruent and similar triangles, circles, polygons, area, volume, and the Pythagorean Theorem. **UC/CSU**

## **2030 Algebra II**

Two Semesters

Prerequisite: Minimum grade of C in both Algebra I and Geometry

Algebra II reviews topics from Algebra I and goes into greater detail covering linear and quadratic functions. Other topics covered are powers and roots, complex numbers, conic sections, and exponential and logarithmic functions. **UC/CSU**

## **2035 Algebra II/Trigonometry**

Two Semesters

Prerequisite: Minimum grade of B in second semester Algebra I and minimum grade of B in second semester Geometry

This course covers all of the topics in Algebra II in addition to an introduction to trigonometry. **UC/CSU**

## **2040 AP Precalculus**

Two Semesters

Prerequisite: Minimum grade of B in second semester Algebra II or minimum grade of C in second semester Algebra II/Trig

In AP Precalculus, students explore everyday situations and phenomena using mathematical tools and lenses. Through regular practice, students build deep mastery of modeling and functions, and they examine scenarios through multiple representations. They will learn how to observe, explore, and build mathematical meaning from dynamic systems. This course prepares students for other college-level mathematics and science courses. The framework delineates content and skills common to college precalculus courses that are foundational for careers in mathematics, physics, biology, health science, social science, and data science. Students who earn a qualifying score on an AP Exam are typically eligible, in college, to receive credit, placement into advanced courses, or both. This course has a dual credit option available with Colorado Christian University: Students are eligible to earn elective college credits which are fully transferable to most universities by paying an additional fee and completing all course requirements. **UC/CSU (Dual Credit Option)**

## **2050 AP Calculus AB**

Two Semesters

Prerequisite: Minimum grade of B in second semester AP Precalculus

This is a first semester college-level calculus course that is designed to span one year for the qualified high school student. This course covers concepts of limit, derivative, definite integrals, and indefinite integrals. Students are expected to use high-level thinking skills and perform academically at a college-level. Lessons will be taught through the means of lectures, group discussions, and projects. Students who earn a qualifying score on an AP Exam are typically eligible, in college, to receive credit, placement into advanced courses, or both. This course has a dual credit option available with Colorado Christian University: Students are eligible to earn elective college credits which are fully transferable to most universities by paying an additional fee and completing all course requirements. **UC/CSU (Dual Credit Option)**

## **2060 AP Statistics**

Two Semesters

Prerequisite: Minimum grade of B in second semester Algebra II/Trig or Algebra II

The purpose of the AP course in statistics is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: 1) Exploring data: describing patterns and departures from patterns; 2) Sampling and experimentation: planning and conducting a study; 3) Anticipating patterns: exploring random phenomena using probability and simulation; 4) Statistical inference: estimating population parameters and testing hypotheses. Students who earn a qualifying score on an AP Exam are typically eligible, in college, to receive credit, placement into advanced courses, or both. **UC/CSU**

## **7615 AP Computer Science A**

Two Semesters

Prerequisite: Successful completion of AP CSP and/or Teacher approval

AP Computer Science A introduces students to computer science through programming. Fundamental topics in this course include the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, the analysis of potential solutions, and the ethical and social implications of computing systems. The course emphasizes object-oriented programming and design using the Java programming language. Students who earn a qualifying score on an AP Exam are typically eligible, in college, to receive credit, placement into advanced courses, or both. **UC/CSU**

## **8517 Introduction to Data Sciences**

Two Semesters

Prerequisite: Junior or Senior status; Minimum grade of C in second semester of Algebra II

Introduction to Data Sciences introduces students to the main ideas in data science through tools such as Google Sheets, Python and Data Commons. Students will learn to be data explorers in project-based units, through which they will develop their understanding of data analysis, sampling, correlation/causation, bias and uncertainty, probability, modeling with data, making and evaluating data-based arguments, the power of data in society, and more. At the end of the course students will have a portfolio of their data science work to showcase their newly developed abilities. **(UC/CSU pending)**

## **Science (“d”)**

### **Life Sciences**

#### **3020 Biology**

Two Semesters

Prerequisite: Sophomore status

This is a general survey course of biology covering such areas as biochemistry, cellular biology, genetics, microbiology, botany, zoology, human biology, ecology, and creation-evolution issues. This course stresses the biblical, creationist viewpoint of science and will provide students with an understanding of God as our creator. **UC/CSU**

#### **3025 AP Biology**

Two semesters

Prerequisite: Successful completion of high school Biology and Chemistry with minimum grade of B in both. Successful completion of an assessment of basic bio/chem concepts may be required.

This is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes, energy and communication, genetics, information transfer, ecology, and interactions. Students who earn a qualifying score on an AP Exam are typically eligible, in college, to receive credit, placement into advanced courses, or both. **UC/CSU**

### **3030 Human Anatomy & Physiology**

Two Semesters

Prerequisite: Minimum grade of B in Biology and teacher approval. Priority will go to seniors and students concurrently enrolled in Advanced Athletic Training.

Human Anatomy & Physiology includes a deeper study of the parts and functions of the human body's systems than provided in general biology. This course covers anatomical terminology, basic biochemistry, cells and tissues, and the major systems of the body (integumentary, skeletal, muscular, nervous, endocrine, cardiovascular, lymphatic/immune, respiratory, digestive, urinary, and reproductive systems). This course will also introduce common human disease processes. The laboratory component of the course includes microscopic anatomical studies and dissection. **UC/CSU**

## **Physical Sciences**

### **3530 Chemistry**

Two Semesters

Prerequisite: Satisfactory completion of high school Biology and Algebra II/Trig (Algebra II/Trig may be taken concurrently)

This is a college-preparatory laboratory course which builds on the introduction of biochemistry in biology. Emphasis will be placed on atomic and molecular structure, mathematical problem-solving, the periodic table of the elements, stoichiometry, chemical bonding, acid-base chemistry, thermodynamics, and quantum theory. **UC/CSU**

### **3535 AP Chemistry**

Two Semesters

Prerequisite: Successful completion of high school Biology and Chemistry with minimum grade of B in both. Successful completion of an assessment of basic bio/chem concepts may be required.

The AP Chemistry course provides students with a college-level foundation to support future advanced coursework in chemistry. Students cultivate their understanding of chemistry through inquiry-based

investigations, as they explore content such as atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. Students who earn a qualifying score on an AP Exam are typically eligible, in college, to receive credit, placement into advanced courses, or both. **UC/CSU**

### **3640 Astronomy**

Two Semesters

Prerequisite: Satisfactory completion of Algebra I and currently enrolled in Geometry or higher-level math

This course covers the discoveries, equipment, and methods of astronomy from historical constructs through historical instrumentation and discoveries to current research. Laboratory work guides students toward recreating important astronomical discoveries. Basic physics concepts pertaining to astrophysics will be emphasized in this course as well. A Biblical worldview will be focused on throughout the course along with theories of conventional astronomy. **UC/CSU**

### **3641 Honors Astronomy**

Two Semesters

Prerequisite: Satisfactory completion of Biology and Algebra II/Trig (with teacher approval Algebra II/Trig may be taken concurrently)

This course will cover everything covered in Astronomy with the addition of five more chapters—more depth and breadth. Students will be expected to compute astronomical data mathematically and will be expected to do more astronomical observations and current studies in astronomy research along with current studies of creation astronomy. **UC/CSU**

### **3645 Physics**

Two Semesters

Prerequisite: Satisfactory completion of Algebra I and currently enrolled in Geometry or higher-level math

This course is a study of conceptual physics focusing on understanding how physical phenomena occur. Concepts are presented in a practical format with equations as guides to thinking. The various laws of physics will be explored and explained as the basis for various physical interactions such as gravity, energy, heat, forces, velocity, momentum, etc. **UC/CSU**

### **3650 AP Physics 1**

Two Semesters



Prerequisite: Successful completion of Algebra II/Trig (concurrent enrollment in AP Precalculus is highly recommended); Algebra II/Trig may be taken concurrently if student has completed Conceptual Physics and/or consulted with the teacher; successful completion of an assessment of basic math/science concepts may be required.

Advanced Placement Physics involves a qualitative and quantitative study of the central concepts of physics with emphasis on critical thinking, discovery through observation, and algebraic problem solving as related to physical phenomena. Topics covered are kinematics, Newton's laws, circular motion and universal law of gravitation, simple harmonic motion, linear momentum and impulse, work and energy, rotational motion, electrostatics, DC circuits, mechanical waves, and sound. This is a university level course designed primarily for those students who are interested in careers in engineering and/or the sciences. Students who earn a qualifying score on an AP Exam are typically eligible, in college, to receive credit, placement into advanced courses, or both. **UC/CSU**

## **Other Sciences**

### **7600 AP Computer Science Principles**

Two Semesters

Prerequisite: Successful completion of Algebra I and Teacher Approval

AP Computer Science Principles is an introductory college-level computing course that introduces students to the breadth of the field of computer science. Students learn to design and evaluate solutions and to apply computer science to solve problems through the development of algorithms and programs. They incorporate abstraction into programs and use data to discover new knowledge. Students also explain how computing innovations and computing systems—including the internet—work, explore their potential impacts, and contribute to a computing culture that is collaborative and ethical. Students who earn a qualifying score on an AP Exam are typically eligible, in college, to receive credit, placement into advanced courses, or both. **UC/CSU**

### **5000 Introduction to Engineering Design**

Two Semesters

Prerequisite: Minimum grade of B in Algebra I

This course is a high school level foundation course in the PLTW Engineering Program. In IED, students are introduced to the engineering profession and a common approach to the solution of engineering problems, an engineering design process. Utilizing the activity-project-problem-based (APB) teaching and learning pedagogy, students will progress from completing structured activities to solving open-ended projects and problems that require them to develop planning, documentation, communication, and other professional skills. This course is eligible for college credit through Rochester Institute of Technology. **UC/CSU**

### **5010 Principles of Engineering**

Two Semesters (offered every other year- 24-25, 26-27, 28-29, etc.)

Prerequisite: Successful completion of Introduction to Engineering Design and/or AP Physics; minimum grade of B in Algebra I & Geometry

This course is a foundation course of the high school engineering pathway. This survey course exposes students to some of the major concepts that they will encounter in a postsecondary engineering course of study. Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of materials and structures, automation, and kinematics. The course applies and concurrently develops secondary level knowledge and skills in mathematics, science, and technology. This course is eligible for college credit through Rochester Institute of Technology.

**UC/CSU**

### **5020 Aerospace Engineering**

Two Semesters (offered every other year- 23-24, 25-26, 27-28, etc.)

Prerequisite: Successful completion of Introduction to Engineering Design and/or Principles of Engineering and/or AP Physics; minimum grade of B in Algebra I & Geometry

This course is one of the specialization courses in the PLTW Engineering program. The course deepens the skills and knowledge of an engineering student within the context of atmospheric and space flight. Students explore the fundamentals of flight in air and space as they bring the concepts to life by designing and testing components related to flight such as an airfoil, propulsion system, and a rocket. They learn orbital mechanics concepts and apply these by creating models using industry-standard software. They also apply aerospace concepts to alternative applications such as a wind turbine and parachute. Students simulate a progression of operations to explore a planet, including creating a map of the terrain with a model satellite and using the map to execute a mission using an autonomous robot. This course is eligible for college credit through Cerritos College. **UC/CSU**

## **Language Other Than English (“e”)**

### **4010 Spanish I**

Two Semesters

Prerequisite: None

This course introduces the student to the basic pronunciation, grammar, and vocabulary of the Spanish language and provides extensive opportunity for oral and written expression with the intention of developing conversational and compositional skills. **UC/CSU**

### **4020 Spanish II**

Two Semesters

Prerequisite: Minimum grade of B in the second semester of Spanish I

This second level course provides students with increasingly complex experiences in listening, speaking, reading and writing, and continued exposure in the Spanish language. Successful students will be able to carry on simple conversations in a variety of tenses, give and receive simple directions, make known ordinary needs, and carry on other simple acts of communication. **UC/CSU**

### **4030 Spanish III**

Two Semesters

Prerequisite: Minimum grade of B in the second semester of Spanish II

This third level language course focuses on listening and speaking skills with an increasing emphasis on reading and writing skills. Students will read short stories and cultural vignettes in the Spanish language and will write paragraphs or short essays in the language as well. Students will be able to satisfy the demands of routine social interactions. **UC/CSU**

### **4040 AP Spanish Language and Culture**

Two Semesters

Prerequisite: Minimum grade of B in the second semester of Spanish III

The Advanced Placement Spanish Language course provides students with an opportunity to practice their previously acquired language skills and to continue in their study of the culture through literary works and other authentic material. Students will be able to satisfy more demanding work requirements and exhibit increased understanding and speaking of the Spanish language. Students who earn a qualifying score on an AP Exam are typically eligible, in college, to receive credit, placement into advanced courses, or both. **UC/CSU**

### **4210 American Sign Language I**

Two Semesters

Prerequisite: None

ASL I is a foundational course which introduces students to the language, history, and culture of the deaf community. This course provides students with a basic knowledge of ASL including the manual alphabet, numbers, and simple conversational signs. **UC/CSU**

### **4220 American Sign Language II**

Two Semesters

Prerequisite: Minimum grade of B in the second semester of ASL I

ASL II builds upon basic skills introduced in ASL I with an emphasis upon increased vocabulary and broader knowledge of the deaf community. Students will expand vocabulary and grammatical skills in the areas of religious, legal, and medical terminology. **UC/CSU**

### **4230 American Sign Language III**

Two Semesters

Prerequisite: Minimum grade of B in the second semester of ASL II

ASL III continues to build upon basic skills acquired in ASL I and II. Emphasis will be upon expanding vocabulary and grammatical skills in order to develop enhanced conversational and translational skills. Students will continue to gain a deeper appreciation of the deaf culture and history. **UC/CSU**

## **Visual and Performing Arts (“f”)**

### **Visual Arts**

#### **6010 Art I**

Two Semesters

Prerequisite: None

Art I is a foundational course upon which all other drawing and painting classes build. Students will learn to draw & paint using the human body, nature, and man-made objects. Students will experiment with a variety of mediums from pencil to acrylic paint and explore the elements of art and principles of design. Gallery visit required. **UC/CSU**

#### **6035 Art II**

Two Semesters

Prerequisite: Satisfactory completion of Art I

Art II is an applied art history course. Students will study 20<sup>th</sup> century art and create original works using the principles of each movement. Magazine, sketchbook, and two gallery visits are required. **UC/CSU**

#### **6040 AP 2D Art and Design**

Two Semesters

Prerequisite: Art I and Art II **or** Graphic Arts & Design I and Graphic Arts & Design II

AP 2D Art and Design students will complete an inquiry-based investigation of 2D design principles while following the guidelines for portfolio development as set forth in the concentration section of the AP 2D Art and Design Exam. Two gallery visits are required. Students who earn a qualifying score on an AP Exam are typically eligible, in college, to receive credit, placement into advanced courses, or both. **UC/CSU**

### **6050 AP Drawing**

Two Semesters

Prerequisite: Art I, Art II, and AP 2D Art and Design **or** Seniors with a portfolio that shows a range of drawing skills

AP Drawing students will follow the guidelines for portfolio development as set forth in the concentration section of the AP Drawing Exam. This course is primarily student-driven with oversight and input from the instructor. Two gallery visits are required. Students who earn a qualifying score on an AP Exam are typically eligible, in college, to receive credit, placement into advanced courses, or both.

**UC/CSU**

### **6060 AP Art History**

Two Semesters

Prerequisite: Juniors/Seniors: A/B in prior English classes; Sophomores: A in English I and successful completion of writing assessment

The AP Art History course is equivalent to a two-semester college survey course exploring the nature of art, art making, and responses to art. By investigating specific course content of 250 works of art characterized by diverse artistic traditions from prehistory to the present, students develop in-depth, holistic understanding of the history of art from a global perspective. Students become active participants in the global art world, engaging with its forms and content. They experience, research, discuss, read, and write about art, artists, art making, responses to, and interpretations of art. Students who earn a qualifying score on an AP Exam are typically eligible, in college, to receive credit, placement into advanced courses, or both. **UC/CSU**

### **4515 Graphic Arts and Design I**

Two Semesters

Prerequisite: None

In this course, students will spend the first quarter reviewing the basics of a computer and introduction to Adobe Creative Cloud. The remainder of the year the students will focus on three art and design programs: Adobe Photoshop, Adobe Illustrator, and Adobe InDesign. **UC/CSU**

## **4525 Graphic Arts and Design II**

Two Semesters

Prerequisite: Successful completion of Graphic Arts and Design I

In this course, students will cover the basics of digital photography and continue working to master the three art and design programs of the Creative Suite: Adobe Photoshop, Adobe Illustrator, and Adobe InDesign. Students will develop a portfolio by the end of the year utilizing class projects. **UC/CSU**

## **4535 Digital Photography**

Two Semesters

Requisite: Students must have access to a digital SLR, with interchangeable lenses, manual and programmable settings, and an SD card.

In this course, students will spend the first quarter focusing on the basics of photography, including building an understanding of aperture, shutter speed, lighting, and composition. The remainder of the year the students will focus on the history of photography and basic camera functions. Students will use the basic techniques of composition and camera functions to build a portfolio of images, capturing people, landscapes, close-ups, and action photographs. **(UC/CSU pending)**

## **Performing Arts**

### **6210 Beginning Drama**

Two Semesters

Prerequisite: None

This course will explore the many elements of stagecraft while acknowledging God as the creator of creativity. It will introduce the craft of acting by reviewing the elements of the stage, the different techniques used to create a character, and the importance of eliminating the common mistakes made by the amateur actor. This class will include some lectures; however, the craft of acting requires a great deal of hands-on work. Therefore, this class will include much observation, discussion, and interaction. It will employ numerous acting exercises, such as acting games, to encourage creativity. In addition to acting, Beginning Drama will introduce students to the art of makeup techniques. **UC/CSU**

### **6220 Honors Advanced Drama**

Two Semesters

Prerequisite: One year of Beginning Drama, audition, and teacher approval

This is a production-driven class where performance and honing the student's acting skills are emphasized. The drama team has many opportunities to perform throughout the year at school and

community events, as well as on tour. Extra hours outside of class, including after school and evening rehearsals, are required. **UC/CSU**

### **6230 Stagecraft**

Two Semesters

Prerequisite: One year of Beginning Drama and teacher approval

Stagecraft is the study of technical aspects of theatre. This course will introduce the student to technical and production aspects of theatre. Students will learn skills in set construction, lighting, sound, makeup, and a variety of other skills. They will learn through practical application by a production-driven schedule. The skills and knowledge gained will be immediately applied to whatever production is being presented. **UC/CSU**

### **7020 Chorale**

Two Semesters

Prerequisite: None

This class is open to all interested students who enjoy singing and wish to develop their vocal abilities. Basic music fundamentals will be covered in class. Students will perform a variety of choral music throughout the year at all school concerts and selected chapels. **UC/CSU**

### **7030 Advanced Choir**

Two Semesters

Prerequisite: Audition

This class is filled by audition only and represents the elite singers of the school. Advanced Choir is involved in various outreach ministries and community performances; attendance is required at all performances. Students perform a wide variety of repertoire and are responsible for outfit and tour expenses. **UC/CSU**

### **7040 Concert Band**

Two Semesters

Prerequisite: None

This course is designed to give the student an enriching and diverse instrumental music education. The daily objective of the course is to foster and promote musical growth through the playing of an instrument by the student. Class activities emphasize the development of instrumental technique, tone production, tuning, fundamentals of music theory, music reading, and listening skills. This class provides a number of performance opportunities for the student both in an ensemble setting as well as accompanists for our amazing choirs. **UC/CSU**

### **7045 Beginning Guitar**

Two Semesters

Prerequisite: None

This class is an introductory level course for students wishing to play the guitar. Students will learn basic chords, basic strumming patterns, picking, and music theory. Students are responsible for providing their own instruments. **UC/CSU**

## **Other College Preparatory Electives (“g”)**

### **8205 Student Leadership**

Two Semesters

Prerequisite: Must be elected to an office position or selected for a committee position; must have and maintain a minimum 2.75 GPA and have fewer than 25 demerits throughout the year; All students are required to complete an interview and submit an application including a pastoral reference, teacher reference, and signed parent contract. Students must be available to attend various leadership planning days in the summer (dates noted in the contract).

The Student Leadership class aims to equip students with an understanding of biblical servant leadership while learning practical leadership tools and skills. The class will focus on areas such as public speaking, community service, marketing and publicity, personal and professional development, team building, goal setting, and group dynamics. All class curriculum and assignments are intended to help students fulfill our mission of setting a godly example to the student body and building a positive community and campus life experience at Berean. Students will be responsible for planning and executing a variety of fundraisers, community outreach programs, and campus events throughout the year. **(UC/CSU pending)**

### **2550 Sports Medicine/Athletic Training**

Two Semesters

Prerequisite: One year of PE and Health; Priority will be given to upperclassmen

This course is designed to connect the instruction of anatomy, physiology, biomechanics, and communication skills to concepts in athletic training and allied health professions. Sports Medicine will provide laboratory experiences and projects that incorporate academic skills, analytical thinking, and research. The students will put these skills to practice in a classroom laboratory environment as well as during on-field experiences. Students will demonstrate and provide knowledge of interpersonal skills, safety procedures, basic anatomy and physiology, injury prevention, mechanisms of injuries, injury care, injury recognition and physical assessment, rehabilitation and recovery, therapeutic/preventative taping



skills, and health related job skills. Students will be encouraged to view athletic training as means of influencing the world for Christ and ministering to many different types of individuals. **UC/CSU CTE**

### **2555 Advanced Sports Medicine/Athletic Training**

Two Semesters

Prerequisite: Successful completion of Athletic Training, Algebra I, and Biology; Co-requisites of Anatomy & Physiology (Recommended) and Algebra II (Recommended)

This course is designed to connect the instruction of anatomy, physiology, biomechanics, and communication skills to concepts in athletic training and allied health professions. Advanced Sports Medicine will provide laboratory experiences and projects that incorporate academic skills, analytical thinking, and research. The students will put these skills to practice in a classroom laboratory environment as well as during on-field experiences. Students will demonstrate and provide knowledge of interpersonal skills, safety procedures, basic anatomy and physiology, injury prevention, mechanisms of injuries, injury care, injury recognition and physical assessment, rehabilitation and recovery, therapeutic/preventative taping skills, and health related job skills. Students in the advanced class will take on more responsibility in the implementation of care for the athletes, as well as taking on leadership positions during sports event coverage. They will be involved with the athletes during the prevention, acute and chronic injury, and recovery periods. Students will be encouraged to view athletic training as means of influencing the world for Christ and ministering to many different types of individuals.

**UC/CSU CTE**

## **Bible**

### **2810 Bible Foundations (9<sup>th</sup> grade)**

Two Semesters

Prerequisite: None

In preparing students for life after high school, there is no better place to begin than with the foundations of the Christian faith: the Old Testament and Jesus. In the first semester, the students will conduct a survey of the Old Testament to gain a foundational understanding of the Old Covenant and how God orchestrated His plan for salvation that would come through Jesus. The students will begin to develop an understanding of how God revealed Himself to Israel and will become familiar with the historical events that led to the coming of the Messiah. In the second semester, the students will closely examine the life of Christ through John's gospel account. Through seeing Christ as He really is, and contemplating what He has done on their behalf, students will be challenged to trust Him fully. (John 20:30-31)

### **2822 Applied Biblical Studies (10<sup>th</sup> grade)**

Two Semesters

Prerequisite: Sophomore status

In this course, students will explore the major doctrines of the faith in order to reinforce the student's personal beliefs and encourage them to be contenders for our faith. Students will study critical issues of the day in an effort to help them better understand themselves and their problems in light of God's Word.

### **2841 Apologetics & Worldview (11<sup>th</sup> grade)**

Two Semesters

Prerequisite: Junior status

The goal of this course is for students to graduate with a faith that is robust, reinforced, and ready to go into the world with hope. The first quarter is devoted to developing a case and explanation for the Christian worldview from reason, history, philosophy, and the Book of Romans. The next two quarters are devoted to understanding the major rival worldviews in the Western World and how to address them philosophically and evangelistically. The final quarter is devoted to the question of the problem of evil and the Book of Job. The class will involve lectures, discussions, interviews with guest speakers, and various other forms of media including listening to interviews for homework. In both semesters, students will pick a book from a provided list in order to write a detailed book report and be given time on Fridays to read the book in class. Finally, students will be required to attend two field trips where they will interview strangers about their worldviews and where their hope is found.

### **2830 Hermeneutics and Church History (12<sup>th</sup> grade)**

Two Semesters

Prerequisite: Senior status

In the first semester, students will examine the art and science of biblical interpretation and learn to study the Bible in its ancient contexts. In the second semester, students will survey the last 2000 years of historical Christianity by studying the book of Acts and by tracing the Christian movement through its formation and worldwide expansion.

### **2835 New Testament Letters & the Revelation of Jesus Christ (12<sup>th</sup> grade)**

Two Semesters

Prerequisite: Senior status

This class is a discussion-based, year-long look into many of the New Testament letters to the churches. Students will explore how the early church was called to live and how that applies to Christians today. The class will conclude by exploring Revelation and seeing how it fits into the Biblical story and aims to give us hope for the future.

### **2854 Stepping Up (12<sup>th</sup> grade boys)**

Two Semesters

Prerequisite: Senior status

Stepping Up is a practical class designed to equip the students to act like men (1 Cor. 16:13-14) in pursuing righteousness and fleeing youthful desires (1 Tim. 6:11; 2 Tim. 2:22) in order to be sober-minded, dignified, self-controlled, sound in faith, in love, and in steadfastness (Titus 2:2). This will be accomplished through participation in weekly Bible/book studies, accountability groups, watching various videos, discussions on selected books, and completing life skill projects throughout the year. Some of the topics covered throughout the year will be biblical leadership, wisdom, money and work, and being a godly leader and husband.

### **2860 Walking Worthy: Becoming a Woman of God (12<sup>th</sup> grade girls)**

Two Semesters

Prerequisite: Senior status

In Walking Worthy, we focus on how to live a life dedicated to loving God and others. With that focus, we study the Gospel of Luke and the lives of women of the Bible, and we also engage in discussion, journaling, and meditating on Scripture. We study the books of Hosea, 1 John, and the Psalms. Other topics include: the image of God, spiritual disciplines, spiritual gifts, salvation narratives, Biblical responses to current events, and how to develop and maintain healthy relationships. In the Spring, we engage in an extended look at Church History, with a focus on how God has used women in building His Kingdom. As the year comes to a close, we will consider the changes students experience as they leave high school and the related questions and considerations of approaching adulthood.

## **Physical Education**

### **2510 Physical Education I and Health**

Two Semesters

Prerequisite: None

Physical education is a critical component in the overall education of the total person. This class will expose the student to a variety of different sports and allow him or her to practice the biblical principles of working hard, being honest, loving neighbors, and exhibiting self-control. It is a class that allows the student to glorify God in competition while being challenged physically, emotionally, socially, and spiritually. Health topics include physical, mental, social, and spiritual health. As Christians we believe that our body is the temple of the Holy Spirit and should be maintained in optimum condition.

### **2520 Physical Education II (Girls' Weights & Conditioning)**

Two Semesters

Prerequisite: One year of PE and Health; Girls only

Students will learn form for weight lifting, as well as basic to intermediate weight lifting exercises. Students will focus mainly on improving strength through a combination of cardio and weightlifting exercises.

### **2540 Cheerleading**

Two Semesters

Prerequisite: Tryout and minimum 2.75 GPA; Girls only

Cheerleaders are selected following tryouts in the spring and are automatically registered for this class for the upcoming school year. Cheerleaders perform alongside the dance team at pep rallies, football games, basketball games, and various other sporting events. Cheerleaders will perform sideline cheers and dances, half-time routines, and basic stunts. Summer commitments include training camp at Berean the last week of July and learning cheers on video. Ten hours of training over the summer is recommended (through a cheer or gymnastics gym). Ten hours outside of class per semester are required. Cheer, tumbling, and stunting experience is recommended. Approximate total cost: \$950 for first year members; \$350 for returning members.

### **2515 Dance Team**

Two Semesters

Prerequisite: Tryout and minimum 2.75 GPA; previous dance experience; Girls only

Dance Team members are selected following tryouts in the spring and are automatically registered for this class for the upcoming school year. The Dance Team performs with the cheerleaders at pep rallies, football games, basketball games, and various other sporting events. The Dance Team will perform sideline cheers and dances, and technique-based dance routines, with more intricate choreography and incorporating skills like turns, leaps, and kicks. Practices will be held primarily during the school day. Summer commitments include learning cheers and sideline dances through video, one to two weeks of practice, and participation in summer dance camp. Dance experience required. Ten training hours outside of class per semester are required. Approximate total cost: \$950 for first year members; \$350 for returning members.

### **2530 Weights and Conditioning I**

Two Semesters

Prerequisite: One year of PE and Health; Boys only

This course is designed for boys who have little or no experience in weight training and would like to learn more about this form of conditioning as well as participate in a variety of sports. Technique and development will be stressed during weight training along with conditioning. Students will have the opportunity to develop physically in the areas of flexibility, agility, and cardiovascular fitness. Time will

be split between the weight room, gym, and turf field. In addition to weight training, students will learn the history, rules, and development of a variety of sports.

### **2535 Weights and Conditioning II**

Two Semesters

Prerequisite: Weights and Conditioning; Boys only; Teacher Approval

This is an elective course for boys designed to assist them in improving their strength, size, and speed; prior experience in weight training is a prerequisite to taking this course. This course will use a standard lifting program consisting of core and Olympic lifts. In addition, students should expect to perform several other lifts and techniques which will help improve their overall physical fitness. This course will also include core and speed training as well as some distance running.

### **2560 Weights and Conditioning III**

Two Semesters

Prerequisite: Sophomore, Junior, or Senior status; Boys only

This will be an advanced weights and conditioning class with an emphasis on powerlifting and strength training techniques during the football season. Workouts for multi-sport athletes will be adjusted to be sport-specific each season.

### **2570 Performance Training (for Competitive Sports)**

Two Semesters

Prerequisite: Junior or Senior status students who played a varsity sport the previous year; Athletic Director and Coach Approval

This course is for male or female student-athletes who want to learn and improve their skills for their varsity sport and their ability to continue to compete after high school. Class time will be used to train a player's body in preparation for the season and how to develop a proper workout for an athlete. Training will include workouts in the weight room, speed and agility training, plyometrics, and core strengthening exercises. The course will have some classroom components, such as (but not limited to) nutrition, recruiting tips, and other health habits as an athlete. Enrollment is limited. Approval by the Athletic Director and Coach is required.

### **2550 Sports Medicine/Athletic Training**

Two Semesters

Prerequisite: One year of PE and Health; Priority will be given to upperclassmen

This course is designed to connect the instruction of anatomy, physiology, biomechanics, and communication skills to concepts in athletic training and allied health professions. Sports Medicine will

provide laboratory experiences and projects that incorporate academic skills, analytical thinking, and research. The students will put these skills to practice in a classroom laboratory environment as well as during on-field experiences. Students will demonstrate and provide knowledge of interpersonal skills, safety procedures, basic anatomy and physiology, injury prevention, mechanisms of injuries, injury care, injury recognition and physical assessment, rehabilitation and recovery, therapeutic/preventative taping skills, and health related job skills. Students will be encouraged to view athletic training as means of influencing the world for Christ and ministering to many different types of individuals. **UC/CSU CTE**

### **2555 Advanced Sports Medicine/Athletic Training**

Two Semesters

Prerequisite: Successful completion of Athletic Training, Algebra I, Geometry, and Biology; Co-requisites of Anatomy & Physiology (Recommended) and Algebra II (Recommended)

This course is designed to connect the instruction of anatomy, physiology, biomechanics, and communication skills to concepts in athletic training and allied health professions. Advanced Sports Medicine will provide laboratory experiences and projects that incorporate academic skills, analytical thinking, and research. The students will put these skills to practice in a classroom laboratory environment as well as during on-field experiences. Students will demonstrate and provide knowledge of interpersonal skills, safety procedures, basic anatomy and physiology, injury prevention, mechanisms of injuries, injury care, injury recognition and physical assessment, rehabilitation and recovery, therapeutic/preventative taping skills, and health related job skills. Students in the advanced class will take on more responsibility in the implementation of care for the athletes, as well as taking on leadership positions during sports event coverage. They will be involved with the athletes during the prevention, acute and chronic injury, and recovery periods. Students will be encouraged to view athletic training as means of influencing the world for Christ and ministering to many different types of individuals.

**UC/CSU CTE**

## **Other Electives**

### **8335 Marketing Intern**

Two Semesters

Prerequisite: "Student in Good Standing;" 2.5 GPA; at least one year of Graphic Arts & Design/AP 2D Art & Design; Enrollment by application only. Request application from the Director of Marketing at [sshafer@berenchristian.com](mailto:sshafer@berenchristian.com).

The Marketing Student Intern will assist the Marketing Director with marketing, social media, and communication. The internship will take place on the Berean campus during normal school hours. The student intern will receive five credits per semester with a pass/fail grade, and at the conclusion of the internship, he or she will receive a letter of recommendation from the Marketing Department to be used for work experience and/or college applications.

### **8337 Teacher Aide**

Two Semesters

Prerequisite: Teacher Approval; The student must receive confirmation from the teacher via email and forward the teacher's email to the Director of Academics by the beginning of May.

Students may TA for a teacher in a course he or she is not currently taking. Typical tasks include making photocopies, organizing materials, making deliveries between the classroom and office, classroom maintenance and clean up, and preparing and taking down for classroom activities. Space may be limited.

### **8332 Office Aide**

Two Semesters

Prerequisite: Office Approval; The student must receive confirmation from the Attendance Secretary via email and forward the Attendance Secretary's email to the Director of Academics by the beginning of May.

Students may spend one period as an Office Aide. Typical tasks include stocking the photocopiers and cleaning the copy room, cleaning the teachers' lounge and office, assisting tardy students with check in, filing mail, delivering packages and notes to classrooms, and answering the phone. Space is limited.

### **Study Hall**

Two Semesters

No Credit Class

Prerequisite: None

Study Hall periods are designed for students to independently complete work that is assigned for other courses.

### **Resource**

Two Semesters

No Credit Class

Prerequisite: Administration Approval

In this course, students will receive academic support in their content area classes, including group and one on one assistance. They will be taught study and organizational skills and learning strategies to support academic success. This is not a "study hall," but a class intended to teach necessary academic and study skills to succeed in high school and beyond.