



LINFIELD CHRISTIAN HIGH SCHOOL

COURSE DESCRIPTIONS 2019-2020

**The fear of the LORD is the beginning of wisdom, and
knowledge of the Holy One is understanding.
Proverbs 9:10**

TABLE OF CONTENTS

Course Selection Policies	3
Graduation Requirements	4
LCHS Grading System	5
LCHS Homework Expectations	6
Time Commitment Worksheet.....	7
Course Offerings	8
LCHS Advanced Placement and Honors Courses	8
LCHS Approved A-G Courses for University of California.....	9
List of Course Offerings	12
NCAA DIVISION I AND II ELIGIBILITY REQUIREMENTS	14
Course Descriptions	15
Bible	15
English.....	18
International English	24
Mathematics	26
Social Studies.....	31
Science.....	34
Languages Other Than English (LOTE)	38
Fine Arts	42
Physical Education & Other Required Courses	51
Electives	52
Engineering	54
Biomedical Sciences	57
Online Courses.....	60
Dual Enrollment Courses.....	67

COURSE SELECTION POLICIES

COURSE SELECTION AND ENROLLMENT

Students must be formally enrolled at Linfield Christian High School for the upcoming school year in order to select classes. The class selection process for currently enrolled students occurs during the spring semester.

STUDENT COURSE ADVISING

Once course request forms have been distributed, college counselors are available to meet with students and guide them in selecting courses that best fit their academic goals.

PREREQUISITIES AND RECOMMENDATIONS

The course catalog includes prerequisites and/or recommendations for each class. Please read them carefully before selecting courses. All grade prerequisites are listed as letter grades, but the student's specific grade percentage may be considered when the class list is reviewed by counselors and teachers. Recommendations are important factors that have proven consistent with student success in that particular course subject.

CLASS LIST REVIEW

Counselors and teachers review class lists, checking that each student has met the prerequisites, but it is ultimately the student's responsibility to be aware of the prerequisites and to be sure he/she is enrolled in appropriate classes.

If a student has not met the prerequisite, he/she may be removed from the course and placed in the appropriate level course. If a teacher or counselor has a concern about a student's ability to succeed in a class, the counselor will notify the student and parent of the concern and review possible options.

CLASS CONFLICTS

Linfield Christian High School works diligently to minimize class conflicts, but students with several specialized course requests may be asked to prioritize their course requests. If a student is unable to take a class due to a conflict, the counselor will notify him/her. If the counselor notifies a student of a conflict, the school has already made attempts to move the classes to make the schedule work but was unable to find a solution.

GRADUATION REQUIREMENTS

Bible:	(4) Years (Transfer students: required for each semester enrolled at Linfield)
English:	(4) Years
Math:	(3) Years
Social Studies:	(3) Years Grade 10: World History Grade 11: US History Grade 12: Government/Economics
Science:	(2) Years of Lab Science
Language Other Than English:	(2) Years of the same language
Fine Arts:	(1) Year or (4) Years for Fine Arts Academy
Physical Education:	(2) Years
Health:	(1) Semester (Not required for students transferring after 9 th grade)
Speech and Debate:	(1) Year
Electives:	(1) Year college prep elective, as well as any additional electives needed to meet total credits required for graduation
<u>Total Credits Required for Graduation:</u>	260

LCHS Grading System

Semester grades are the official grades recorded on the student's transcript. Report cards are issued at the close of each grading period. Semester and final report cards may be withheld until all outstanding tuition, fines and fees are paid and Christian Service hours have been met. A grading system is a statistical measure of progress and performance. It is used to give the student, parent, and teacher an indication of the degree of progress, on a percentage basis, that the student is making in a given subject area. The overall Academic GPA is the grade point average taken from all courses taken in which grades are given. Please see the Counseling Office for the Academic GPA (or U.C. System GPA) which only includes courses applicable to admittance to the U.C. System or like school.

Outstanding	A+ = 4.0 / 97-100%	A = 4.0 / 93-96%	A- = 3.7 / 90-92%
Good	B+ = 3.3 / 87-89%	B = 3.0 / 83-86%	B- = 2.7 / 80-82%
Average	C+ = 2.3 / 77-79%	C = 2.0 / 73-76%	C- = 1.7 / 70-72%
Needs Improvement	D+ = 1.3 / 67-69%	D = 1.0 / 63-66%	D- = 0.7 / 60-62%

LCHS HOMEWORK EXPECTATIONS

Research shows that homework at the high school level is linked to college readiness and is needed for the development of student academic behavior such as time management, study skills, persistence, and help seeking behaviors.

Students are expected to practice the above skills and set aside distraction-free time each night to focus on their academic development. When planning their schedules, students should remember that different classes require different amounts of homework and effort outside of the school day. In addition to homework, students should also take into consideration the time required for their co-curricular involvement.

AVERAGE HOMEWORK COMMITMENT

1. AP/Honors Classes **1 hour per class meeting**
2. Regular Classes **½ hour per class meeting** (45 minutes for math)

Because every student is unique, as students calculate the amount of time they will dedicate to their school work and other activities, they can adjust the homework expectations based on their previous experiences.

AVERAGE EXTRACURRICULAR COMMITMENT

3. Sports **15-18 hours per week**
4. Band/Drama **These outside activities require major time commitments during certain parts of the year.**
5. Community Service/Church **Time varies**

Students may use the following worksheet to calculate the amount of time that their academic and extracurricular commitments will require. It is important for families to take into account sufficient time for sleep, family, church activities, friendships, etc. **Parents can help their students prioritize how they should be spending their time, and the Counseling Office is available to assist families in planning schedules that will provide the appropriate academic rigor to prepare students for college and career success as well as a balanced, healthy life.**

TIME COMMITMENT WORKSHEET

COURSE SELECTION PLANNER

Course	Average Homework Per Class Meeting	Average Homework Per Week
1.	_____ hours	_____ hours
2.	_____ hours	_____ hours
3.	_____ hours	_____ hours
4.	_____ hours	_____ hours
5.	_____ hours	_____ hours
6.	_____ hours	_____ hours
7.	_____ hours	_____ hours
8.	_____ hours	_____ hours
Each weeknight =		_____ hours
Each week =		_____ hours

TIME PLANNER

Activity	Hours Per Day	Hours Per Week
Breakfast	_____ hours	_____ hours
Time in School	7 hours	35 hours
Travel Time	_____ hours	_____ hours
Extracurricular(s)	_____ hours	_____ hours
Dinner	_____ hours	_____ hours
Homework	_____ hours	_____ hours
Free Time	_____ hours	_____ hours
Family Time	_____ hours	_____ hours
Church/Youth Group	_____ hours	_____ hours
Volunteer Work	_____ hours	_____ hours
Sleep	9.5 hours	66.5 hours
TOTAL		

COURSE OFFERINGS

Four new classes have been added this year to continue our commitment to offering students the best high school educational experience possible.

NEW COURSES

- Bible 400 – Christ & Culture and Leadership, Evangelism & Discipleship
- English II Honors
- English IV Honors
- AP French
- AP Statistics
- Algebra II/Trigonometry Honors
- Biomedical Innovations Honors
- Film IV Honors
- Graphic Design

LCHS Advanced Placement and Honors Courses

In conjunction with its rigorous academic college-preparatory program, Linfield Christian High School offers numerous Advanced Placement courses. As college admissions acceptance becomes increasingly competitive, the demand for courses that help students achieve a high level of academic success is increasing as well. To meet this need, we offer Advanced Placement courses in all of the major disciplines: Math, Science, Social Studies, Language Arts, Foreign Languages, and Fine Arts. The fee for taking each AP exam is \$94 (2019). With a passing score on the exam, students may receive college credit.

LCHS AP Course Offerings:

- AP Art History*
- AP Studio Art (Drawing, 2-D Design, 3-D Design, Photography)
- AP Biology
- AP Calculus AB
- AP Calculus BC
- AP Chemistry
- AP Computer Science A*
- AP English Language & Composition
- AP English Literature & Composition
- AP Environmental Science*
- AP European History
- AP Human Geography*
- AP Macroeconomics*
- AP Microeconomics*
- AP Physics 1
- AP Psychology*
- AP Spanish
- AP Statistics
- AP United States Government
- AP United States History

*AP courses offered online as an 8th independent study course for an additional fee of \$475 per semester

LCHS APPROVED A-G COURSES FOR UNIVERSITY OF CALIFORNIA & CALIFORNIA STATE UNIVERSITY

A – HISTORY

- World History (10th grade)
- World History Online (10th grade)
- Honors World History Online (10th grade)
- AP European History (10th grade)
- US History (11th grade)
- AP US History (11th grade)
- AP US History Online (11th grade)
- US Government & Economics (12th grade)
- AP US Government & Economics (12th grade)
- AP US Government & Economics Online (12th grade)

B – ENGLISH

- English I (9th grade)
- Shelter English I (9th grade)
- English II (10th grade)
- Shelter English II (10th grade)
- English 10 Honors (10th grade)
- English III (11th grade)
- AP English Language & Composition (11th grade)
- English IV (12th grade)
- English IV Honors (12th grade)
- AP English Literature & Composition (12th grade)

C – MATHEMATICS

- Algebra I
- Algebra II
- Algebra II/Trigonometry Honors
- Geometry
- Precalculus
- Advanced Math Honors
- AP Calculus AB
- AP Calculus BC
- Statistics
- AP Statistics

D – LABORATORY SCIENCE

- Principles of Biomedical Science Honors (PLTW)
- Human Body Systems Honors (PLTW)
- Medical Interventions Honors (PLTW)
- Anatomy & Physiology
- Biology
- AP Biology
- Chemistry

- AP Chemistry
- Conceptual Physics
- AP Physics 1
- AP Environmental Science (Online)

E – LANGUAGE OTHER THAN ENGLISH (LOTE)

- French I
- French II
- French III
- AP French
- Spanish I
- Spanish II
- Spanish III
- AP Spanish

F – VISUAL/PERFORMING ARTS

Film

- Film I
- Film II
- Film III Honors
- Film IV Honors

Music

- Choir
- Wind Ensemble
- Honors Wind Ensemble
- Jazz Ensemble

Theatre

- Theatre I
- Advanced Theatre
- Advanced Theatre Honors

Visual Arts

- Principles of Art
- Photography
- Advanced Art
- Graphic Design*
- AP Studio Art (Drawing, 2-D Design, 3-D Design, Photography)

G – ELECTIVE COURSES

- AP Art History (Online)
- AP Computer Science A (Online)
- AP Human Geography (Online)
- AP Macroeconomics (Online)
- AP Microeconomics (Online)
- AP Psychology (Online)
- Computer Science Principles (PLTW)
- Introduction to Engineering Design Honors (PLTW)
- Principles of Engineering Honors (PLTW)
- Civil Engineering and Architecture Honors (PLTW)
- Engineering Design and Development Honors (PLTW)

- Biomedical Innovations Honors (PLTW)
- Speech & Debate

PLTW: Project Lead the Way

LIST OF COURSE OFFERINGS

*new courses

Bible

- Bible 100 (9th to 12th grade)
- Bible 200 (10th to 12th grade)
- Bible 300 (11th to 12th grade)
- Bible 400* (12th grade)
- BIBAND Chapel Worship Band (11th to 12th grade)

English

- English I (9th grade)
- English II (10th grade)
- English II Honors* (10th Grade)
- English III (11th grade)
- AP English Language & Composition (11th grade)
- English IV (12th grade)
- English IV Honors* (12th grade)
- AP English Literature & Composition (12th grade)
- Speech & Debate

International English

- English I Shelter (9th grade)
- English II Shelter (10th grade)

Math

- Algebra I
- Algebra II
- Algebra II/Trigonometry Honors*
- Geometry
- Precalculus
- Advanced Math Honors
- AP Calculus AB
- AP Calculus BC
- Statistics
- AP Statistics*

Social Studies

- AP European History (10th grade)
- AP US Government & Economics (12th grade)
- AP US Government & Economics Online* (12th grade)
- AP US History (11th grade)
- AP US History Online* (11th grade)
- Honors World History Online (10th grade)
- US Government & Economics (12th grade)
- US History (11th grade)
- US History Online (11th grade)
- World History (10th grade)
- World History Online* (10th grade)

Science

- Anatomy & Physiology
- AP Biology
- AP Chemistry
- AP Physics 1
- Biology
- Chemistry
- Conceptual Physics
- Honors Principles of Biomedical Science
- Honors Human Body Systems
- Honors Medical Interventions

Languages Other Than English

*new courses

- French I
- French II
- French III
- AP French*
- Spanish I
- Spanish II
- Spanish III
- AP Spanish

Fine Arts

Film

- Film Appreciation
- Intermediate Media Production
- Film III Honors*
- Film IV Honors*

Music

- Choir
- Wind Ensemble
- Honors Wind Ensemble
- Jazz Ensemble

Theatre

- Theatre I
- Advanced Theatre
- Honors Advanced Theatre

Visual Arts

- Principles of Art
- Photography
- Advanced Art
- Graphic Design*
- AP Studio Art (Drawing, 2-D Design, 3-D Design, Photography)

Other Required Courses

- Physical Education
- Health Online

Electives

- Internship
- Yearbook

Biomedical Science

- Principles of Biomedical Science Honors
- Human Body Systems Honors
- Medical Interventions Honors
- Biomedical Innovations Honors*

Engineering

- Introduction to Engineering Design Honors
- Principles of Engineering Honors
- Computer Science Principles
- Civil Engineering and Architecture Honors
- Engineering Design and Development Honors

Online

*new courses

- AP Art History (FLVS)
- AP Computer Science A & B (FLVS)
- AP Environmental Science (FLVS)*
- AP Human Geography (FLVS)*
- AP Macroeconomics (FLVS)
- AP Microeconomics (FLVS)
- AP Psychology (FLVS)
- AP Statistics (FLVS)*
- AP US Government & Economics (FLVS)*
- AP US History (FLVS taught by LCHS teacher)*
- Honors World History (LCHS)
- US Government & Economics (FLVS)*
- US History (FLVS taught by LCHS teacher)*
- World History (LCHS)

LCHS = courses developed and taught by Linfield teachers

FLVS = courses offered by Florida Virtual School

Dual Enrollment

- Psychology (1 semester, Concordia Lutheran)
- Sociology (1 semester, Concordia Lutheran)
- Principles of Economics (Online only, 1 semester, Concordia Lutheran)

NCAA DIVISION I AND II ELIGIBILITY REQUIREMENTS

The NCAA has made significant changes to the Division I and Division II initial eligibility academic standards which are in effect for high school athletes in the class of 2016 and beyond. The changes include a higher minimum core course GPA, new credit requirements prior to senior year, and limitations on retaking courses. Any student-athlete who is even remotely considering the possibility of playing a sport collegiately, needs to fully understand these changes. This link will provide the specific requirements and changes going into effect.

http://fs.ncaa.org/docs/eligibility_center/quick_reference_sheet.pdf

Students considering college athletics should use this reference sheet, as well as guidance from College Counseling, when crafting their schedules to ensure all requirements are met.

Linfield Christian High School

Course Descriptions

BIBLE COURSES

Mission of the Bible Department

To create an environment in which: 1) Students can comprehensively and critically learn about the Bible (Mt. 22:34-40), 2) Students understand clearly what the Gospel is and their need for it (1 John 4:7-10), 3) Students experience a relationship with Jesus and the spiritual family on a deep level (Mark 3: 31-35, John 13:34-35), and 4) Students are equipped to build God’s Kingdom in our world upon graduation (Mt. 28:18-20).

Course Title	BIBLE 100 – FOUNDATIONS OF FAITH	
--------------	----------------------------------	--

Course #:	BI100	Pre-Requisite: None
Grade Levels:	9, 10, 11, 12	<p>This course provides a foundation of faith to guide students toward a more holistic understanding of the Christian belief. Following the footsteps of the gospel of John, students will begin by examining the philosophical framework of reality and faith in the context of a metaphysical understanding of reality, truth, faith, fantasy, belief and worldview. Students will examine the basic beliefs of Christ-centered Theists in comparison and contrast to other major philosophical worldviews. Students will determine the trustworthiness and whether or not it is reasonable to believe that the Bible is the revealed Word of God, the trustworthiness of Genesis and identify through the examination of the Bible specific theological beliefs of a Christ-centered Theist. This course provides a survey of the Bible in its progressive unfolding of the history of redemption against the backdrop of creation and sin.</p>
Semesters:	2	
Graduation Credit:	Bible	
Fees:	\$55	
UC Approval:	No	

Course Title	BIBLE 200 – LIFE OF CHRIST AND SPIRITUAL FORMATION	
--------------	--	--

Course #:	BI200	Pre-Requisite: Bible 100
Grade Levels:	10, 11, 12	<p><i>Life of Christ</i> – Students will examine the life of Christ to gain a more full perspective and understanding of the person and work of Jesus Christ. Throughout the course, students are invited to personalize their response to Christ’s compelling question, “Who do you say that I am?” (Matt. 16:15)</p>
Semesters:	2	
Graduation Credit:	Bible	
Fees:	\$65	
UC Approval:	No	

Spiritual Formation – This class will emphasize Christ’s invitation to follow Him. Students will understand that Jesus is our model of spiritual maturity and that He invited us to follow His model for spiritual formation. Students will gain tools that will equip them to follow Jesus beyond the walls of the classroom in a personal and transformative way.

Course Title BIBLE 300 – PHILOSOPHY & THEOLOGY AND DOCTRINE & APOLOGETICS

Course #: BI300
 Grade Levels: 11, 12
 Semesters: 2
 Graduation Credit: Bible
 Fees: \$75
 UC Approval: No

Pre-Requisite: Bible 200

Philosophy & Theology – This course combines the study of the basic philosophy of the nature of reality and Christ-centered theology with the exploration of the highly influential works of Orthodoxy, Mere Christianity, and The Great Divorce. Students also study original works from Plato and Nietzsche and other philosophers representing various worldviews. Students will develop a deep awareness and understanding of the doctrines of justification, sanctification, and imputation in the context of a Christ-centered worldview and in contrast to other philosophical worldviews.

Doctrine & Apologetics – Students will study major doctrines pertaining to the nature and existence of God, evil, and humankind. Students will interact with doctrine in the context of community to exercise critical theological thinking and gain an appreciation for the significance of reasoned theology in the application of their personal worldview.

Course Title BIBLE 400 – CHRIST & CULTURE and LEADERSHIP, EVANGELISM, & DISCIPLESHIP (LEAD)

Course #: BI400
 Grade Levels: 12
 Semesters: 2
 Graduation Credit: Bible
 Fees: \$40
 UC Approval: No

Pre-Requisite: Bible 300

Christ & Culture equips students to identify the tension between the eternal plan of God and the reality of operating in a disintegrated culture. Students will examine the purpose of God for their earth and their role in applying their unique calling in this generation. Students will compare and contrast common approaches to the relationship between Christ and Culture and formulate their own theological perspective and personal plan for application beyond the walls of the classroom.

L.E.A.D. Students will examine the doctrines of the Imago and Missio Dei in the context of being equipped to unpack their unique talents and learning

to steward them into strengths. Students will be equipped with the keys to discover, align, and invest their talents and gifts in ministry and life. Students will develop skills to equip others to discover their unique personal calling and leverage their talents through coaching relationships. Students will be challenged to build relationships and create an application project that impacts life beyond the walls of the classroom.

Course Title BIBAND – CHAPEL WORSHIP (BAND)

Course #: BIBAND
Grade Levels: 11, 12
Semesters: 2
Graduation Credit: Bible
Fees: None
UC Approval: No

Pre-Requisite: 11th – 12th grade standing. Auditions required.

This is a practical application course for students involved in the Chapel worship and sound/tech ministries. Students will prepare weekly chapel services for the LCHS student body. They will lead worship, set up and tear down equipment, and provide sound/tech support as needed for guest speakers and outside groups. In addition, students will discover their created purpose to worship God and how to fulfill this purpose. Students will learn about the depth of God’s character and how to know Him more intimately through a study of worship.

ENGLISH COURSES

English studies are the foundation of understanding the written word and spoken thought in order for students to become effective communicators and critical thinkers. The English Department seeks to provide students with the opportunities and resources to create, critique, analyze, and evaluate a variety of fiction and non-fiction texts. The goal of all English courses is to help students become discerning readers and thinkers skilled in expressing a variety of ideas and beliefs through the written and spoken word in preparation for academic, professional, and personal pursuits.

Course Title		ENGLISH 9
Course #:	EN10	Pre-Requisite: None
Grade Levels:	9	
Semesters:	2	
Graduation Credit:	English	
Fees:	None	
UC Approval:	Yes, "b" course - English	
		English 9 is a beginning World Literature survey course designed to ensure that students will learn to become critical thinkers, readers and writers with emphasis being given to analytical readings and composition. Ninth grade English primarily focuses on building student skills in the areas of active reading, critical thinking, interpreting, writing, speaking, and listening. Students read and analyze short stories, novels, poetry, plays, and nonfiction selections. Writing practice emphasizes different types of the five-paragraph essay and encourages original efforts in poetry and short story. SAT preparatory vocabulary, Greek and Latin roots, literary terminology, and grammar practice are ongoing throughout the year. Major texts include, but are not limited to, <i>Fahrenheit 451</i> , <i>Romeo and Juliet</i> , <i>The Odyssey</i> , <i>The Screwtape Letters</i> . Other types of reading and writing help students find direction for their personal lives as contributing Christian members of the American and global communities.

Course Title		ENGLISH 10
Course #:	EN20	Pre-Requisite: Completion of English 9 with a grade of C- or better in both semesters
Grade Levels:	10	
Semesters:	2	
Graduation Credit:	English	
Fees:	None	
UC Approval:	Yes, "b" course - English	
		English 10 is a World Literature survey course designed to ensure that students will learn to become critical thinkers, readers and writers with emphasis being given to analytical readings and composition. Students will be exposed to mature themes found in literary pieces such as <i>Lord of the Flies</i> and <i>Of Mice and Men</i> , as they study the Christian perspective alongside contemporary, secular reflections. Plays such as <i>Antigone</i> and <i>Henry V</i> , develop analytical skills and a world perspective through analysis of

characterization, theme, time period, and style. Novels such as *One Day in the Life of Ivan Denisovich* and *Cry, The Beloved Country* expand student opportunities to work with literature from other countries. As well as promoting literary understanding, instructors will provide opportunities for demonstrating student synthesis and competency in the usage of the English language. Students will become stronger readers and writers of the English language as they practice communicating with others through oral expression and presentations, and through the written form of MLA formatted short and long essays. Compositions range from thematic and literary analysis to research papers that help individuals grow in personal knowledge and ability to defend a position. Other types of reading and writing help students find direction for their personal lives as contributing Christian members of the American and global communities.

Course Title		ENGLISH 10 HONORS
Course #:	EN20H	Pre-Requisite: Completion of English 9 at Linfield with a B or better in both semesters of completion of English 9 outside of Linfield with an A or better in both semesters.
Grade Levels:	10	
Semesters:	2	
Graduation Credit:	English	
Fees:	None	
UC Approval:	Yes, "b" course - English	<p>Built on the three Common Core instructional shifts of building content knowledge, citing text evidence, and interacting independently with complex texts and academic language, English II Honors seeks to engage students in a variety of literary and informational texts that explore five main essential questions:</p> <p>Can progress be made without conflict?</p> <p>What kind of knowledge changes our lives?</p> <p>Does all communication serve a positive purpose?</p> <p>To what extent does experience determine what we perceive?</p> <p>Can anyone be a hero?</p> <p>Students will analyze the elements of literature through primary and secondary sources, essays, articles, historical documents, novels, drama, poetry and short stories. The course uses textual analysis to teach skills that ensure post-secondary readiness and success with an emphasis on AP readiness and SAT/ACT preparation. The themes explored also seek to recognize students' individuality and to foster responsible citizenship and civil engagement.</p>

Students will engage in rhetorical analysis to help them become critical consumers of information. It is intended to provide challenging instruction, expand the students' skill levels (including developing 21st century skills) and enrich the students understanding of the human condition through reading, writing, speaking, and listening activities. Each semester has a culminating project or written exam that allows students to demonstrate higher order thinking skills, problem solving, critical thinking and investigation.

Course Title		ENGLISH 11
Course #:	EN30	Pre-Requisite: Completion of English 10 with a grade of C- or better in both semesters
Grade Levels:	11	
Semesters:	2	
Graduation Credit:	English	English 11 is a junior level college preparatory course designed to provide students with a comprehensive overview of American literature through the study of authors from the Puritan period in America to the present. Students will also be challenged to improve their writing and research skills and to respond critically to the ideas in literature with an intelligent and organized analysis that remains firmly rooted in Biblical truth. In addition, outside reading assignments of major American novels will be required, such as <i>The Crucible</i> , <i>The Scarlet Letter</i> , <i>The Adventures of Huckleberry Finn</i> , <i>A Farewell To Arms</i> , and <i>The Great Gatsby</i> . Upon completing the course, students should be able to identify, explain, and apply the major characteristics of each literary movement and historical time period in American literature; demonstrate an ability to think about and challenge ideas and/or themes in written literature; write a focused and organized literary analysis essay; evaluate and integrate appropriate and relevant resources into a cohesive argument; identify as well as incorporate literary terms into their oral and written presentations; and demonstrate an expansion of vocabulary and grammar skills in the context of their own writing. In addition, students will focus on developing college reading and writing skills, including analysis of informational texts, expository essay writing, and application of MLA Style. Other types of reading and writing help students find direction for their personal lives as contributing Christian members of the American and global communities. SAT preparatory vocabulary is ongoing throughout the year.
Fees:	None	
UC Approval:	Yes, "b" course - English	

Course Title	ADVANCED PLACEMENT ENGLISH LANGUAGE & COMPOSITION	
Course #:	EN3A	Recommendation: English 10 with grade of B or better in both semesters; successful completion of summer work required
Grade Levels:	11	
Semesters:	2	AP English Language & Composition is a course designed to immerse students in college level work in order to produce skilled readers and writers who are able to critically analyze and evaluate prose in terms of both its style and content. The course specifically aims to prepare students for success on the AP exam, and consequently, the primary focus of the class is on underscoring, challenging, and improving writing skills. In particular, coursework will emphasize the identification of stylistic elements within a piece of rhetoric, the evaluation of arguments, and the integration of relevant resources into well-supported responses. In conjunction with the 11 th grade curriculum, students are also provided with an overview of the genres and major writers/works in American literature, including the reading of classic texts such as <i>The Scarlet Letter</i> , <i>The Adventures of Huckleberry Finn</i> , and <i>The Great Gatsby</i> .
Graduation Credit:	English	
Fees:	\$94 AP Exam Fee*	
UC Approval:	Yes, "b" course - English	
<p>*NOTE: All students enrolled in an AP course by the end of week three of the second semester are required to take the AP examination.</p>		

Course Title	ENGLISH 12	
Course #:	EN40	Pre-Requisite: Completion of English 11 with a grade C- or better in both semesters
Grade Levels:	12	
Semesters:	2	This is a senior level college preparatory course designed to equip students with the specific English writing, reading, thinking, and research skills necessary to succeed in college and the workplace. The course includes reading for interpretation and understanding with an emphasis on British literature from the Anglo-Saxon through the Modern periods, as well as critical analysis of selected non-fiction texts. Students will develop their writing skills through reflective, persuasive, argumentative, and other composition forms. Research papers requiring a clear and focused argument along with the evaluation and integration of primary and secondary sources and application of MLA and APA styles will be emphasized. Students will develop increasing proficiency in grammar and vocabulary skills within the context of their own writing. Literary works studied in this course include, but are not limited to: <i>Beowulf</i> , <i>The Canterbury Tales</i> , <i>Hamlet</i> , <i>Frankenstein</i> , and <i>1984</i> .
Graduation Credit:	English	
Fees:	None	
UC Approval:	Yes, "b" course - English	

Course Title		ENGLISH 12 HONORS
Course #:	EN40H	Pre-Requisite: Completion of English 11 with a grade B or better in both semesters or completion of AP Language and Composition with a C or better in both semesters
Grade Levels:	12	
Semesters:	2	
Graduation Credit:	English	
Fees:	None	
UC Approval:	Yes, "b" course - English	
		English IV Honors centers on preparation for writing at the college level as well literary analysis and digital literacy. Students will develop reading, thinking, and writing skills that will serve them as effective communicators in college and in their future career. English IV Honors will be a collaborative experience, both online and in class, as students explore the various rhetorical effects and strategies of novels, plays and informational texts throughout the next two semesters. Different and varied perspectives as well as background and history surrounding texts will prove to further enrich scholarly discussions. As this course specifically focuses on interpreting, analyzing, evaluating, and producing written argument, students will become familiar with effective methods of argumentation by both reading texts and producing a diverse selection papers over the course of the year. Students, as digital citizens, will be encouraged to use key rhetorical concepts as a mode of inquiry and invention as they develop reading and writing proficiency in academic disciplines and other contexts. Text selections include but are not limited to <i>1984</i> , <i>Hamlet</i> , <i>To Kill a Mockingbird</i> , <i>The Importance of Being Earnest</i> , <i>Rosencrantz and Guildenstern Are Dead</i> , <i>The Canterbury Tales</i> , <i>Frankenstein</i> , and <i>The Great Divorce</i> .

Course Title		ADVANCED PLACEMENT ENGLISH LITERATURE & COMPOSITION
Course #:	EN4A	Recommendation: English 11 with grade of B or better or AP English Language and Composition with grade of C or better in both semesters; successful completion of summer work required
Grade Levels:	12	
Semesters:	2	
Graduation Credit:	English	
Fees:	\$94 AP Exam Fee	
UC Approval:	Yes, "b" course - English	
		AP English Literature and Composition is a certified college-level introductory course to literature and academic writing. This course prepares students with the knowledge and skills they need to successfully complete the AP Literature and Composition exam in May through opportunities to complete practice exams and instruction in exam strategies. Coursework is rigorous and includes: extensive

*NOTE: All students enrolled in an AP course by the end of week three of the

second semester are **required** to take the AP examination.

reading and study of selected literary texts with emphasis on British and world literature; study of vocabulary and literary terms; strengthened reading comprehension through analysis and critical evaluation; extended written literary analysis; expository and creative writing; and application of the APA style writing format. In addition, the course includes study of the cultures, history, and philosophies that shaped authors' works as well as critical analysis theories. The writing component of this course emphasizes extended written literary analysis of a text or theme, evaluation or comparison of two or more works, and literary research requiring a clear and focused argument along with the evaluation and integration of primary and secondary sources. Students taking this course are expected to demonstrate advanced writing skills through coherent analytical essays and research papers requiring defense of a thesis using evidence from primary and secondary sources. Literary works studied in this course include, but are not limited to: *Beowulf*, *The Canterbury Tales*, *Hamlet*, *Rosencrantz & Guildenstern are Dead*, *Jane Eyre*, *Heart of Darkness*, *Wuthering Heights*, and *Brave New World*.

Course Title		SPEECH AND DEBATE
Course #:	PR30	Pre-Requisite: 11 th or 12 th grade standing
Grade Levels:	11,12	This course focuses on the areas of public speaking, oral interpretation, and debate. There will be a number of required speeches that will aid in personal development and audience exposure. As students develop in each of these areas, their exposure to and growth in verbal communication will help them become more confident in public speaking.
Semesters:	2	
Graduation	Speech and	
Credit:	Debate	
Fees:	None	
UC Approval:	Yes, "g" course - Elective	

INTERNATIONAL ENGLISH COURSES

The International Student Program at Linfield Christian High School provides students with quality instruction in English language acquisition imperative for success in Linfield's rigorous college preparatory program. The program is designed to help students improve their English proficiency in academic knowledge and skills in specific subject content areas. In conjunction with daily instruction in English reading, writing, comprehension, and vocabulary skills; the program emphasizes higher level academic language proficiency in critical thinking and analytical reading and writing skills. Small class sizes and individual tutoring foster ready progress in students' individual language abilities.

Course Title ENGLISH 9 SHELTER

Course #: Grade Levels: Semesters: Graduation Credit: Fees: UC Approval:	EN10s 9 2 English None Yes, "b" course - English	Pre-Requisite: English Proficiency Test placement This two-semester course is designed for international students in grade 9. This is a college preparatory course that focuses on building student skills in the areas of active reading, critical thinking, interpreting, writing, speaking, and listening. Students read and analyze short stories, novels, poetry, plays, and nonfiction selections. Writing instruction focuses on foundational academic writing skills, including thesis formulation and support and different types of expository and persuasive essay writing. Pre-AP skills, SAT preparatory vocabulary, Greek and Latin roots, literary terminology, MLA style format, and grammar practice are ongoing throughout the year. Major texts include but are not limited to <i>Ties That Bind</i> , <i>Ties That Break</i> ; <i>Romeo and Juliet</i> ; <i>The Odyssey</i> (excerpts); <i>To Kill a Mockingbird</i> ; <i>Fahrenheit 451</i> , and <i>Night</i> . Instructional strategies facilitate English language development through an emphasis on higher level academic language proficiency in critical thinking and analytical reading and writing skills.
---	---	---

Course Title ENGLISH 10 SHELTER

Course #: Grade Levels: Semesters: Graduation Credit: Fees: UC Approval:	EN20s 10 2 English None Yes, "b" course - English	Pre-Requisite: English I Shelter and English Proficiency Test placement This two-semester course is designed for international students in grade 10. This is a college-preparatory course that continues the development of skills in the ninth grade. The course integrates analytical reading and study of a broad selection of
---	--	--

world literature from classic to modern times with writing and oral language. Students further develop academic writing skills through literary analysis, expository and persuasive essay writing, and the research process. Work is submitted to various contests for publication and awards. Instruction in pre-AP skills, SAT preparatory vocabulary, Greek and Latin roots, literary terminology, MLA style format, and grammar practice continues. Major texts include but are not limited to *Lord of the Flies*, *Antigone*, *Henry V*, *Of Mice and Men*, and *Screwtape Letters*. Instructional strategies facilitate English language development through an emphasis on higher level academic language proficiency in critical thinking and analytical reading and writing skills.

MATHEMATICS COURSES

The primary objective of the Mathematics curriculum is to provide every student who graduates from Linfield Christian High School a solid foundation in the mathematics needed for success at the college level. The content of the curriculum (and the requirements that must be met by each student) reflects our goal, as a college-preparatory school, to have all graduating seniors meet or exceed the entrance requirements for the University of California and California State University systems.

Course Title		ALGEBRA I
Course #:	MA10	Pre-Requisite: Pre-Algebra or Math 8 in both semesters Algebra I is a college preparatory, first year course in algebra. The course objectives are to continue practice with arithmetic skills, to establish fundamental principles of algebra, to build and master skills relating to algebraic manipulations of expressions, and to apply algebra skills to problem solving strategies. Topics include variables, solving equations and inequalities, polynomials, rational expressions, graphing linear equations, systems of linear equations, exponents, radicals, and functions.
Grade Levels:	9	
Semesters:	2	
Graduation Credit:	Math	
Fees:	None	
UC Approval:	Yes, "c" course - Mathematics	

Course Title		GEOMETRY
Course #:	MA20	Pre-Requisite: Incoming 8 th grade students need completion of Algebra I with B or higher in both semesters. Incoming 9 th grade students need successful completion of Algebra I with B- or higher in both semesters. Incoming 10 th grade students need completion of Algebra I with D- or higher in both semesters Geometry is a college preparatory course that uses algebra and logic skills to analyze geometric figures. The course objectives are to apply and reinforce algebra skills; to establish fundamental geometric relationships with a variety of figures; to apply logic and the concept of proofs to understanding geometric relationships and theorems; and to apply geometry skills to problem solving strategies. Topics include basic geometric figures, parallelism, perpendicularity, congruence, similarity, two column proofs, inequalities, area, perimeter, volume, circles, and coordinate geometry.
Grade Levels:	9, 10, 11	
Semesters:	2	
Graduation Credit:	Math	
Fees:	None	
UC Approval:	Yes, "c" course - Mathematics	

Course Title ALGEBRA II

Course #:	MA30	Pre-Requisite: Algebra I with C- or higher in both semesters and Geometry with D- or higher in both semesters
Grade Levels:	9, 10, 11, 12	
Semesters:	2	
Graduation Credit:	Math	
Fees:	None	Algebra II is a college preparatory course which includes the following topics: fractional exponents and radicals; solution of linear equations and inequalities; solution of quadratic equations by factoring, completing the square and using the quadratic formula; solution of polynomial equations; solution of linear equations with two and three variables; use of determinants and matrices; linear, quadratic and polynomial functions and their graphs; introduction to conic sections; sequences and series; exponential and logarithmic functions; complex numbers; solution of systems of quadratic equations in two variables; probability; and an introduction to trigonometry. The course emphasizes critical thinking and problem solving through frequent application of the concepts to real life problems.
UC Approval:	Yes, "c" course - Mathematics	

Course Title ALGEBRA II/TRIGONOMETRY HONORS

Course #:	MA30	Pre-Requisite: Completion of Geometry with a B or better in both semesters
Grade Levels:	9, 10, 11, 12	
Semesters:	2	
Graduation Credit:	Math	This course is designed to build on algebraic and geometric concepts. It develops advanced algebra skills such as solving systems of equations, advanced polynomials and functions, complex numbers, quadratics and their concepts. It also includes the study of trigonometric functions, proving trigonometric identities, and using trigonometric functions in a variety of applications and word problems. Additionally, matrices and their properties are addressed. The content of this course is important for student success on both the ACT and college mathematics entrance exams. Students who complete Algebra II/Trigonometry Honors are ready for Pre-Calculus or Advanced Math Honors.
Fees:	None	
UC Approval:	Yes, "c" course - Mathematics	

Course Title PRECALCULUS

Course #:	MA38	Pre-Requisite: Algebra II with a C or better in both semesters
Grade Levels:	10, 11, 12	
Semesters:	2	
Graduation Credit:	Math	Precalculus is a college preparatory precalculus course that covers the following conceptual categories: Functions, Number and Quantity, Algebra and Geometry. The standards assure the implementation of the eight mathematical practices including reasoning abstractly/quantitatively,
Fees:	None	
UC Approval:	Yes, "c" course - Mathematics	

constructing viable arguments, modeling with mathematics, analyzing the structure of algebraic problems, and persevering in solving them. Problem simulations are explored in multiple representations: algebraic, graphic, and numeric. This content provides rich instruction experiences for students and helps them to succeed beyond high school and compete in the 21st century job market.

Not intended for students who plan on taking AP Calculus AB.

Course Title	ADVANCED MATH HONORS	
--------------	----------------------	--

<p>Course #: MA40 Grade Levels: 10, 11, 12 Semesters: 2 Graduation Credit: Math Fees: None UC Approval: Yes, "c" course - Mathematics</p>	<p>Pre-Requisite: Algebra II with B or better in both semesters and Geometry with B or higher in both semesters; completion of summer work required</p> <p>Honors Advanced Math is a college preparatory course, which includes functions and their graphs; development of trigonometric (trig) functions using the unit circle; graphical characteristics of the trig functions; inverse trig functions; trig identities; use of degree and radian measure; polar coordinates and vectors; problems related to force and navigation; trig form of complex numbers; de Moivre's Theorem; mathematical induction; analytical treatment of conic sections; rational functions; exponential and logarithmic functions; parametric equations; characteristics of graphs of functions; and the concept of a limit. The graphing calculator is used extensively and is a requirement of the course. This course is designed to prepare students for Calculus.</p>
--	---

Intended for students moving onto AP Calculus AB.

Course Title	STATISTICS	
--------------	------------	--

<p>Course #: MA35 Grade Levels: 10, 11, 12 Semesters: 2 Graduation Credit: Math Fees: None UC Approval: Yes, "c" course - Mathematics</p>	<p>Pre-Requisite: Algebra II with a C- or better in both semesters</p> <p>This course covers the basic principles of descriptive statistics, exploratory data analysis, design of experiments, sampling distributions and estimation, and fitting models to data. Other topics include probability distributions, sampling techniques, binomial distributions, and experimental design. The course also looks extensively at the principles of hypothesis testing and statistical inference. Measuring the probability of an event, interpreting</p>
--	--

probability, and using probability in decision-making are central themes of this course. Examples of games of chance, business, medicine, policy-making, the natural and social sciences, and sports will be explored. The course will use a strong visual/graphical emphasis, based on the premise that students learn best by “doing.” Use of the computer and the graphing calculator expose students to the power and simplicity of statistical software for data analysis. The graphing calculator, the Texas Instruments (TI-83+), is used extensively as a learning tool and is required for the course. Yet, the emphasis will be on interpretation of results and critical thinking over calculations.

Course Title AP STATISTICS

Course #: MA38
 Grade Levels: 10, 11, 12
 Semesters: 2
 Graduation Credit: Math
 Fees: None
 UC Approval: Yes, “c”
 course -
 Mathematics

Pre-Requisite: Algebra II with a C or better in both semesters

The AP Statistics course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four themes evident in the content, skills, and assessment in the AP Statistics course: exploring data, sampling and experimentation, probability and simulation, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding. The AP Statistics course is equivalent to a one-semester, introductory, non-calculus-based college course in statistics.

Course Title ADVANCED PLACEMENT CALCULUS AB

Course #: MA50
 Grade Levels: 11, 12
 Semesters: 2
 Graduation Credit: Math
 Fees: \$94 AP
 Exam Fee
 UC Approval: Yes, “c”
 course -
 Mathematics

Pre-Requisite: Precalculus with a grade of A- in both semesters or Advanced Math Honors with a grade of B or better in both semesters; consent of instructor; completion of summer work required

Advanced Placement Calculus is a college level course that covers two full semesters of introductory college Calculus (functions, graphs and their limits, as well as both differential and integral calculus). The course objectives and content are established by the College Board and are listed in the Advanced Placement course description booklet. College credit for the course is determined by an examination given at the end of the course. Strict adherence to the content outlined by the College Board is essential for

NOTE: All students enrolled in an AP course by the end of week three of the second semester are **required to take the AP examination.*

success on the AP exam. The graphing calculator is used extensively and is a requirement of the course. TI – 84+ will be used in demonstrations.

Course Title ADVANCED PLACEMENT CALCULUS BC

Course #: MA60
 Grade Levels: 11, 12
 Semesters: 2
 Graduation Credit: Math
 Fees: \$94 AP Exam Fee
 UC Approval: Yes, "c" course - Mathematics

Pre-Requisite: Calculus AB with a grade of B- or better in both semesters; consent of instructor; completion of summer work required

Advanced Placement Calculus BC is a college level course that covers two full semesters of the second part of Calculus (a review of all of Calculus AB) adding further integration techniques, infinite series, conics, parametric equations, polar coordinates, and vectors. The course objectives and content are established by the College Board and are listed in the Advanced Placement course description booklet. College credit for the course is determined by an examination given at the end of the course. Strict adherence to the content outlined by the College Board is essential for success on the AP exam. The graphing calculator is used extensively and is a requirement of the course. TI – 84+ will be used in demonstrations.

NOTE: All students enrolled in an AP course by the end of week three of the second semester are **required to take the AP examination.*

SOCIAL STUDIES COURSES

The goals of the Social Studies department of the Linfield Christian School are two-fold. First, the curriculum is designed to guide students in the development and articulation of a biblical worldview. The second goal is to offer a rigorous college curriculum while still allowing for individual learning differences. The Social Studies classes are deigned to acquaint students with an understanding of the basic forces that have shaped each discipline. These goals are accomplished by developing in the student the reading, writing, critical thinking and research skills. In order to meet these goals a variety of teaching methods are utilized including projects, collaborative groups, student-centered activities, analyzing primary source material, artwork and many other learning activities. By mastering these goals the Linfield student will be prepared for success at the college or university level.

Course Title		WORLD HISTORY
Course #:	SOC20	Pre-Requisite: 10 th grade standing
Grade Levels:	10	
Semesters:	2	World History surveys both western and non-western societies from the first river civilizations to the 21 st century. Emphasis is given to reading primary source materials, critical thinking exercises, reading and writing skills, student-centered activities, projects, and to the application of the lessons of history. In addition, the Biblical basis of history is presented and interwoven into the course. A major project is required along with historical book review assignments.
Graduation Credit:	Social Studies	
Fees:	None	
UC Approval:	Yes, "a" course – History/Social Science	

Course Title		ADVANCED PLACEMENT EUROPEAN HISTORY
Course #:	SOC2A	Pre-Requisite: B+ or above in English I in both semesters
Grade Levels:	10	
Semesters:	2	The study of European history since 1450 introduces students to cultural, economic, political, and social developments that played a fundamental role in shaping the world of which they live. Without this knowledge, we would lack the context for understanding the development of contemporary institutions; the role of continuity and change in the present-day society and politics; and the evolution of current forms of artistic expressions and intellectual discourse. In addition to providing a basic narrative of events and movements, the goals of AP European History are to develop (a) an understanding of some of the principle themes in modern European history, (b) an ability to analyze historical evidence and
Graduation Credit:	Social Studies	
Fees:	\$94 AP Exam Fee	
UC Approval:	Yes, "a" course – History/Social Science	

NOTE: All students enrolled in an AP course by the end of week three of the second semester are **required to take the AP examination.*

historical interpretation, and (c) ability to express historical understanding in writing.

Course Title		UNITED STATES HISTORY
Course #:	SOC30	Pre-Requisite: 11 th grade standing
Grade Levels:	11	
Semesters:	2	This course will provide a survey of U.S. History from the Age of Exploration and Colonization to the present. Emphasis is placed on critical and evaluative thinking skills, student-centered activities, role-playing, writing and reading, interpretation of primary sources and graphs and tables. This course will also examine history from a Biblical perspective. Students will come to realize that God is the "String" that holds the events of history together.
Graduation Credit:	Social Studies	
Fees:	None	
UC Approval:	Yes, "a" course – History/Social Science	

Course Title		ADVANCED PLACEMENT UNITED STATES HISTORY
Course #:	SOC3A	Pre-Requisite: 11 th grade standing.
Grade Levels:	11	Recommendation: AP European History with a grade of B or better in both semesters, or World History with a grade of A or better; completion of summer work
Semesters:	2	
Graduation Credit:	Social Studies	
Fees:	\$94 AP Exam Fee	
UC Approval:	Yes, "a" course – History/Social Science	Following College Board guidelines, AP U.S. History is designed to be the equivalent of a two-semester introductory college or university U.S. history course. In AP U.S. History students investigate significant events, individuals, developments, and processes in nine historical periods from approximately 1491 to the present, using skills and methods similar to those employed by historians. Strong reading comprehension and writing skills, along with a willingness to prepare for class diligently, will help students successfully complete the course. Emphasis is given to critical and evaluative thinking skills, essay writing, interpretation of primary source documents, graphs, and tables, and historiography. There is summer work that must be completed before school starts in August. Students who are enrolled in this course are expected to take the national exam in early May.

NOTE: All students enrolled in an AP course by the end of week three of the second semester are **required to take the AP examination.*

Course Title	UNITED STATES GOVERNMENT	
--------------	--------------------------	--

Course #:	SOC40	Pre-Requisite: 12 th grade standing
Grade Levels:	12	
Semesters:	1	
Graduation Credit:	Social Studies	This course is designed to introduce students to a comprehensive study of U.S. Government. It will examine the national government and history of the political system. This course will stimulate students to be informed and aware of local, national and current events. It will also encourage and promote skills that will allow students to make their own decisions on political issues and candidates. The class will be predicated on the principle that God has a plan for mankind, and government is one tool used to fulfill that plan.
Fees:	None	
UC Approval:	Yes, "a" course – History/Social Science	

Course Title	ECONOMICS	
--------------	-----------	--

Course #:	SOC41	Pre-Requisite: U.S. Government
Grade Levels:	12	
Semesters:	1	
Graduation Credit:	Social Studies	Economics is a course taught in conjunction with U.S. Government. The study of economics is critical for seniors in that it enables them to develop a multifaceted understanding of the world. Economics is a constant struggle of using limited resources and allocating goods and services to satisfy needs and wants. This course will illustrate how scarcity and choice impact the economic decisions of our world. Knowledge of economic systems and choices will assist students in becoming more informed and responsible citizens.
Fees:	None	
UC Approval:	Yes, "g" course – Elective	

Course Title	ADVANCED PLACEMENT UNITED STATES GOVERNMENT	
--------------	---	--

Course #:	SOC4A	Pre-Requisite: 12 th grade standing
Grade Levels:	12	Recommendation: U.S. History or AP U.S. History with a grade of B or better in both semesters
Semesters:	1	
Graduation Credit:	Social Studies	This college-level course will examine the national government and political system of the United States. The course will require a substantial amount of reading and preparation for each class. The objectives of this course far surpass a basic examination of how the U.S. government works. Students will study the organization of government and the processes of the American political system, highlighting policy-making and implementation. The institutions and policies of the U.S. government will be studied in the context of historical transformation, constitutional procedures, and comparative perspectives. This course is designed to prepare students for the AP exam.
Fees:	\$94 AP Exam Fee	
UC Approval:	Yes, "a" course – History/Social Science	

NOTE: All students enrolled in an AP course by the end of week three of the second semester are **required to take the AP examination.*

SCIENCE COURSES

The Primary goal of the Linfield Christian science department is to equip students with a solid foundation in the basic sciences which will allow them to participate successfully in further scientific studies at both an academic and professional level without compromise to their Christian faith. To this end all students will:

1. *Understand and implement the scientific method.*
2. *Safely perform lab procedures and use scientific equipment properly.*
3. *Properly communicate scientific findings through lab write-ups and presentations.*
4. *Draw meaning from lectures, films and readings and use this understanding to analyze and synthesize information on tests and labs.*
5. *Learn to work independently and cooperatively while staying on task in class.*
6. *Demonstrate mastery of new facts and concepts on tests and labs.*
7. *Make connections between science and other academic disciplines.*

Course Title	CONCEPTUAL PHYSICS	
Course #:	SC10	Pre-Requisite: None
Grade Levels:	9, 10, 11, 12	
Semesters:	2	
Graduation Credit:	Science	
Fees:	\$30	
UC Approval:	Yes, "d" course – Laboratory Science	
		Conceptual Physics is a laboratory-based course through which students will learn a general sampling of physics topics as they appear in the California State Standards. These include Newtonian Mechanics, Properties of Matter, Heat, Waves, Electricity and Magnetism and an introduction to Nuclear Physics. Conceptual Physics introduces students to the common concepts of physics in a practical and hands-on way, including Newtonian Mechanics, Properties of Matter, Heat, Waves, Electricity and Magnetism and introductory Atomic and Nuclear Physics. Some of the goals of this course include that students will not only be able to solve problems common to physics but have a conceptual understanding that can be used to solve problems through physical intuition and experience. Further, students will learn laboratory techniques that will prepare them for college level science. Students will also gain an appreciation of the subject and its multiple sub-topics.

Course Title	BIOLOGY	
Course #:	SC20	Pre-Requisite: None
Grade Levels:	9, 10	
Semesters:	2	
Graduation Credit:	Science	
Fees:	\$40	
		This course is a study of the many disciplines involved in Biology. Major areas of study include ecology, cytology, genetics and heredity, evolution and creation, microbiology, and the human body. The

UC Approval: Yes, "d" course – Laboratory Science

course is designed to help students come to a better understanding of the nature of God as Creator by examining His creation. Students investigate living organisms' similarities and differences and examine scientific methods in an inquiry-based environment through lab experiments, activities, and discussions. Theories of evolution will be presented alongside Creationism. Controversial aspects of current biological work will be discussed, challenging students to reach their own conclusions. This is an introductory class, intended to inspire and prepare students for further course work in the field of science.

Course Title ANATOMY & PHYSIOLOGY

Course #: SC45
 Grade Levels: 10, 11, 12
 Semesters: 2
 Graduation Credit: Science
 Fees: \$65
 UC Approval: Yes, "d" course – Laboratory Science

Pre-Requisite: Completion of Biology with a grade of C- or better in both semesters; not recommended for students on the Biomedical track

Human Anatomy and Physiology is a study of the structure and function of the human body at the cellular, tissue, organ, and system levels. A survey of each organ system is presented by discussing its anatomy followed by its physiology and pathology. This course is recommended for those who will pursue further education in the biological, medical, and health related sciences as well as those who want to learn more about the body God gave them. Some body systems covered in this course include: integumentary, skeletal, muscular, nervous, cardiovascular, digestive, respiratory, endocrine, and lymphatic. Labs, with required dissection of non-human specimens, and other activities will enrich the class throughout the year.

Course Title CHEMISTRY

Course #: SC30
 Grade Levels: 10, 11, 12
 Semesters: 2
 Graduation Credit: Science
 Fees: \$40
 UC Approval: Yes, "d" course – Laboratory Science

Pre-Requisite: Geometry with C- or better in both semesters, completion or concurrent enrollment in Algebra II

Chemistry is a study of the matter God used to make our material world and the changes matter can undergo. Course begins with an introduction to the structure of matter, including atomic structure, chemical bonding, chemical formulas, chemical equations and stoichiometry relationships. Later, the course focuses on chemical behavior and energy and includes thermodynamics equilibrium, acid-base equilibrium, kinetics, oxidation-reduction, and nuclear chemistry.

Course Title		ADVANCED PLACEMENT CHEMISTRY
Course #:	SC3A	Pre-Requisite: B or better in Chemistry in both semesters
Grade Levels:	10, 11, 12	
Semesters:	2	
Graduation Credit:	Science	Advanced Placement Chemistry parallels university-level general chemistry, while also fulfilling all requirements set forth by College Board. Therefore, students are expected to take the AP Chemistry exam when nearing the completion of the course.
Fees:	\$80, plus \$94 AP exam fee	
UC Approval:	Yes, "d" course – Laboratory Science	The course covers topics similar to high school general chemistry class, but in greater depth and at a college-level pace. The following lecture topics are covered during the year: chemical foundations underlying chemistry, atomic structure and theory, molecules and ions, nomenclature, stoichiometry, solution stoichiometry, gases, thermochemistry, periodicity, bonding, intermolecular and intramolecular forces, solution properties, chemical kinetics, chemical equilibrium, acids and bases, complex ions, spontaneity, entropy, free energy, electrochemistry, nuclear chemistry, and introductory organic chemistry. Additionally, an online web-based learning program is implemented for homework assignments. Students will need access to a computer and internet for homework assignments.
<p><i>*NOTE: All students enrolled in an AP course by the end of week three of the second semester are required to take the AP examination.</i></p>		
<p>Laboratory experiments mimic university-level scientific investigations. A minimum of 16 labs are conducted during the year; a minimum of 6 of these labs are guided-inquiry investigations. In lab, students will learn to successfully use and interpret data from the following university instruments: colorimeters, spectrophotometers, pH meters, and other probe ware. Students will also learn to compose university-level laboratory reports using special formatting. Due to the rigor and time requirements of certain investigations, students will be required to attend occasional "Zero Periods" before the start of the first class of the day. In addition, students are required to have a laptop/mobile computer and internet access for lab use.</p>		

Course Title		ADVANCED PLACEMENT BIOLOGY
Course #:	SC20A	Pre-Requisite: Completion of Biology with B or better in both semesters.
Grade Levels:	10, 11, 12	
Semesters:	2	
Graduation Credit:	Science	Recommendation: Completion of chemistry

Fees:	\$40, plus \$94 AP exam fee
UC Approval:	Yes, "d" course – Laboratory Science

NOTE: All students enrolled in an AP course by the end of week three of the second semester are **required to take the AP examination.*

Advanced Placement Biology at Linfield Christian High School is a course designed for students that have a strong interest in the sciences, or desire to pursue a career in science. The AP Biology course is designed to offer students topics that are covered in a freshman Biology course at the university level. Students accepting the challenge of an Advanced Placement course will be required to actively participate in all lectures and laboratory activities that are conducted during the year. Students will also need regular access to a computer and the internet to complete online homework assignments.

To succeed in AP Biology students must be highly motivated to learn. Reading requirements for the course are rigorous and require a daily commitment in order to stay caught up in the class. Exams generally cover 3 - 4 chapters in the text and occur every 2-3 weeks depending on the content being covered and the number of labs that are conducted during the unit. Laboratory activities suggested by the College Board are conducted to give the student a fair representation of a university-level Biology course. In addition to the College Board laboratories, the instructors add activities when they supplement the unit effectively.

Course Title		ADVANCED PLACEMENT PHYSICS 1
Course #:	SC50	Pre-Requisite: Algebra II and concurrent enrollment in Advanced Math Honors or Pre-Calculus
Grade Levels:	10, 11, 12	
Semesters:	2	AP Physics 1 is the equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; and mechanical waves and sound. It will also introduce electric circuits. The course provides students with enduring understanding to support future advanced course work in the sciences. Through inquiry-based learning, students develop critical thinking and reasoning skills, as defined by the AP Science Practices.
Graduation Credit:	Science	
Fees:	\$45, plus \$94 AP exam fee	
UC Approval:	Yes, "d" course – Laboratory Science	
<p><i>*NOTE: All students enrolled in an AP course by the end of week three of the second semester are required to take the AP examination.</i></p>		

Note: Sophomores who want to take AP Physics 1, in addition to Chemistry, need (1) an A in Algebra II, (2) concurrent enrollment in Honors Precalculus, and (3) recommendation from a math and science teacher.

LANGUAGE OTHER THAN ENGLISH COURSES

God has given us language and communication to heighten the human experience with both Him as Father and with the fellowship of man. Language and communication are at the heart of the human experience. It is the responsibility of our department to equip its students both linguistically and culturally for successful communication in a pluralistic American society. This goal is achieved by utilizing partial to total immersion-teaching methods, in which students receive, process, recall, analyze, and synthesize in the target language. As a consequence of learning another language and gaining access to its unique means of communication, students are able to broaden the sources of information available to them. As they become more proficient users of their second and subsequent languages, students will expand and deepen their understanding of and exposure to other areas of knowledge.

Course Title	FRENCH I	
Course #:	FR10	Pre-Requisite: None
Grade Levels:	9, 10, 11, 12	
Semesters:	2	
Graduation Credit:	Language Other than English	This course is designed to introduce the student to the basic fundamentals of speaking, reading, writing, listening and understanding the French language and culture. Oral communicative language is stressed using controlled vocabulary in everyday conversations. Francophone culture and language is studied via storyboards, slides, movies, and readings. Art, technology, power point presentations, projects, games, TPR (total physical response) strategies and music are used, as are theatrical skits, to enhance language usage. 100% target language usage is a goal in this course.
Fees:	\$10	
UC Approval:	Yes, "e" course – Language Other than English	

Course Title	FRENCH II	
Course #:	FR20	Pre-Requisite: French I with a grade of C- or better in both semesters
Grade Levels:	10, 11, 12	
Semesters:	2	
Graduation Credit:	Language Other than English	French II is a continuation of the first year with emphasis on further development of speaking, reading, listening, understanding, and writing skills. Students write and perform dialogues, videos and theatrical pieces using more complex and subject specific vocabulary and concepts. Movies and power point presentations are used to explore and study French language and Francophone cultures. 100% target language usage is a goal in this course.
Fees:	\$10	
UC Approval:	Yes, "e" course – Language Other than English	

Course Title FRENCH III

Course #:	FR30	Pre-Requisite: French II with a grade of B- or better in both semesters
Grade Levels:	11, 12	
Semesters:	2	
Graduation Credit:	Language Other than English	French III is an audio-lingual course conducted in French covering advanced grammatical structure and conversational French. Literary forms such as poems and short stories are included. Continued study of the francophone world and culture is included as well as some other world issues. French 3 is taught primarily in the target language with an emphasis on conversation and reading skills.
Fees:	\$10	
UC Approval:	Yes, "e" course – Language Other than English	

Course Title ADVANCED PLACEMENT FRENCH

Course #:	FR4A	Pre-Requisite: French III with a grade of B- or better in both semesters
Grade Levels:	10, 11, 12	
Semesters:	2	
Graduation Credit:	Language Other than English	The AP French Language and Culture course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP French Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in French. The AP French Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions). The AP French Language and Culture Course is approximately equivalent to an upper-intermediate college or university course in French language and culture.
Fees:	\$10 plus \$94 AP exam fee	
UC Approval:	Yes, "e" course – Language Other than English	

NOTE: All students enrolled in an AP course by the end of week three of the second semester are **required to take the AP examination.*

Course Title		SPANISH I
Course #:	SP10	Pre-Requisite: None
Grade Levels:	9, 10, 11, 12	
Semesters:	2	
Graduation Credit:	Language Other than English	Spanish I is an introduction to the study of the Spanish language and its culture. Equal emphasis is given to aural/oral skills, reading, writing, vocabulary and grammar. This beginning course seeks to give the student the foundation of vocabulary and grammatical structures in order to understand and read basic instructions and short elementary stories, as well as write short paragraphs on familiar topics, and speak about, and ask questions about, elementary themes.
Fees:	\$15	
UC Approval:	Yes, "e" course – Language Other than English	
Course Title		SPANISH II
Course #:	SP20	Pre-Requisite: Spanish I with a grade of C- or better in both semesters
Grade Levels:	9, 10, 11, 12	
Semesters:	2	
Graduation Credit:	Language Other than English	A continuation of Spanish I, this course is taught in the target language. Students continue to develop cultural sensitivity while furthering their communication skills. The students work towards developing the ability to understand Spanish spoken at a normal speed and to be able to speak and respond with increased fluency. Compositions and projects are varied and more complex as more vocabulary, grammatical structures and verb conjugations are added to the foundation begun in Spanish I.
Fees:	\$15	
UC Approval:	Yes, "e" course – Language Other than English	
Course Title		SPANISH III
Course #:	SP30	Recommendation: Spanish II with a grade of B- or better in both semesters
Grade Levels:	10, 11, 12	
Semesters:	2	
Graduation Credit:	Language Other than English	This course, taught in the target language, is intended for the student who desires to seriously pursue the study of the language. Students will build upon the grammar presented in Spanish 1 and 2 by completing their study of all the verb tenses of the language, and will expand their vocabulary to enable them to read popular magazines, newspapers, short stories, classic literature and biographical pieces. Students will also write 150 word compositions and letters, and make oral presentations in a variety of verb tenses on varied topics. Students will learn to understand formal and informal Spanish spoken at normal speed, from textbook exercises, to commercials, songs and music
Fees:	\$15	
UC Approval:	Yes, "e" course – Language Other than English	

videos from TV and radio. Cultural practices and customs from a variety of countries are studied in depth, from guest speakers, missionaries, texts and realia.

Course Title ADVANCED PLACEMENT SPANISH LANGUAGE AND CULTURE

Course #:	SP4A	Pre-Requisite: Spanish III with a grade of B- or better in both semesters
Grade Levels:	11, 12	
Semesters:	2	
Graduation Credit:	Language Other than English	SP4A Recommendation: Spanish III with a grade of B- or better, or department approval. The AP® Spanish Language and Culture course is a rigorous course taught exclusively in Spanish that provides students with the opportunity to study the language and culture of the Spanish speaking world and is approximately equivalent to an upper-intermediate college or university Spanish course. The course recognizes the complex interrelatedness of comprehension and comprehensibility, vocabulary usage, language control, communication strategies, and cultural awareness. Students learn language structures in context and use them to convey meaning using the three modes of communication: Interpersonal, Interpretive, and Presentational. The course focuses on the integration of authentic resources including online print, audio, and audiovisual resources, as well as traditional print resources that include literature, essays, and magazine and newspaper articles, and also a combination of visual/print resources such as charts, tables, and graphs, all with the goal of providing a diverse learning experience. Like other AP courses, students receiving a 3 or above (scale 1-5) on the AP exam may receive college credit for this course.
Fees:	\$15 plus \$94 AP exam fee	
UC Approval:	Yes, "e" course – Language Other than English	

NOTE: All students enrolled in an AP course by the end of week three of the second semester are **required to take the AP examination.*

Please note that American Sign Language I, II, III, and IV are no longer offered.

FINE ARTS COURSES

The mission of the Linfield Christian School Fine Arts Department is to bring each student to the realization that we are all created in the image of a creative God who is pleased and honored when we use our gifts well; to that end, providing instruction and application for personal expression and a lifetime of artistic enrichment. Opportunities are provided for participation in performing and visual arts. Students are encouraged to explore drama, musical theater, dance, choral ensembles, instrumental ensembles, worship arts, film making, 2-D and 3-D visual media, graphic design and photography.

For those students interested in the Fine Arts Academy, the Fine Arts Academy offers a graduation track with coursework that emphasizes artistic development in addition to meeting the basic academic requirements for UC admission. Contact Dr. Doug Knechtel for additional information about academy requirements.

FILM

Course Title		FILM I
Course #:	DR50	Pre-Requisite: None
Grade Levels:	9, 10, 11, 12	<p>This course is designed to give students the opportunity to learn to look at and appreciate film/video and the media of this age in a different way. It is also designed to encourage students to critically think from a Christian point of view about the themes, content, principles, and characters within film throughout history and in its different genres. Students will view film throughout its brief history and examine the work of selected filmmakers and the different genres encompassed in film. In groups of 4-5, they will produce 3-6 minute videos dealing with different topics and genres. The goal of this class is for each student to walk away with a new appreciation for film as an art form and a powerful media influence within our culture and to have had a great time studying the media and determining how it applies to our lives.</p>
Semesters:	2	
Graduation Credit:	Fine Arts	
Fees:	\$50	
UC Approval:	Yes, "F" course – Visual & Performing Arts	

Course Title		FILM II
Course #:	DR60	Pre-Requisite: Media as Literature with a C- or better in both semesters
Grade Levels:	10, 11, 12	<p>This course is designed to let students further their opportunities in film/video production based on the precepts and principles learned in the Film Appreciation course. Students will explore the media for creative content, working individually and in</p>
Semesters:	2	
Graduation Credit:	Fine Arts	
Fees:	\$50	
UC Approval:	Yes, "F" course –	

Visual &
Performing
Arts

groups to produce various media projects. Students will explore all aspects of film/video production, including: planning, scripting, pre-production, production, lighting, sound, cinematography, editing, and post-production. Students will be shown a deeper meaning of the aesthetic and ethical elements of cinema. Students will critically examine why filmmakers create media the way they do.

Course Title		FILM III HONORS
Course #:	DR75	<p>Pre-Requisite: Intermediate Media Production with a C- or better in both semesters</p> <p>This course is part of a two-year sequence that is modeled after the “Studio System” of development, pre-production, production, post-production, marketing, and distribution. Students are given more responsibility and greater flexibility to apply their creative energies without the restrictions of introductory and intermediate courses. Additionally, Honors Film III requires students to produce four films with longer running times than those prescribed in Film II. In their prerequisite courses, film students have worked in a variety of digital genres (silent films, narratives, documentary) to produce films under 5 minutes in length. Honors Film III students produce four short narratives in the 8-10 minute range, working in groups, with rotating responsibilities between the productions. Honors Film III seeks to hone and augment the skills learned in the Film II digital filmmaking course, with fewer creative restrictions and the added goal of public screening at national film festivals. At the conclusion of each project (“final cut”), students are required to submit their work to at least five national film festivals for consideration. Thus, the primary goal of this advanced course is not simply to make films to meet course requirements but to present them to a larger audience.</p>
Grade Levels:	11, 12	
Semesters:	2	
Graduation Credit:	Fine Arts	
Fees:	\$50	
UC Approval:	Yes, “f” course – Visual & Performing Arts	

Course Title		FILM IV HONORS
Course #:	DR80	<p>Pre-Requisite: Advanced Media Production 1 / Film III Honors with a B or better in both semesters</p> <p>This course is part of a two-year sequence that is modeled after the “Studio System” of development, pre-production, production, post-production, marketing, and distribution. Students are given more responsibility and greater flexibility to apply their</p>
Grade Levels:	11, 12	
Semesters:	2	
Graduation Credit:	Fine Arts	
Fees:	\$50	
UC Approval:	Yes, “f” course –	

Visual &
Performing
Arts

creative energies without the restrictions of introductory and intermediate courses. Additionally, Honors Film IV requires students to produce four films with longer running times than those prescribed in Film III. In their prerequisite courses, film students have worked in a variety of digital genres (silent films, narratives, documentary) to produce films under 5 minutes in length. Honors Film IV students produce two short narratives in the 15-20 minute range, working in groups, with rotating responsibilities between the productions. Honors Film IV seeks to hone and augment the skills learned in the Film III digital filmmaking course, with fewer creative restrictions and the added goal of **public screening** at national film festivals. At the conclusion of each project (“final cut”), students are required to submit their work to at least five national film festivals for consideration. Thus, the primary goal of this advanced course is not simply to make films to meet course requirements but to present them to a larger audience.

MUSIC

Course Title		WIND ENSEMBLE
Course #:	MU20	Pre-Requisite: None
Grade Levels:	9, 10, 11, 12	The Linfield Christian High School Wind Ensemble is a one-year college preparatory course with an emphasis on sight-reading, literature preparation for festival and concert performances, and development of aesthetic and cultural values through comprehensive musicianship, including form and analysis, music theory, historical background, and stylistic interpretation. The group performs for seasonal concerts and participates in an annual weekend performance tour. This course is open to any 9th-12th grade student who desires to develop musical skills for individual and ensemble playing of wind instruments and percussion.
Semesters:	2	
Graduation Credit:	Fine Arts	
Fees:	\$150 Band Fee	
UC Approval:	Yes, “F” course – Visual & Performing Arts	
Course Title		WIND ENSEMBLE HONORS
Course #:	MU20-H	Pre-Requisite: At least two years in Wind Ensemble and audition with Director; must have completed Alfred’s Essentials of Music Theory levels 1-3 or the equivalent
Grade Levels:	11, 12	
Semesters:	2	
Graduation Credit:	Fine Arts	

Fees: \$175 Band Fee
 UC Approval: Yes, "F" course – Visual & Performing Arts

Wind Ensemble Honors is open to selected wind and percussion students of superior ability by audition only. This is the highest level wind ensemble course offered and is preceded by at least two years in the regular Wind Ensemble. This course includes advanced wind ensemble literature. Students will be required to participate in a solo/ensemble festival or audition for an association/state honor group.

Wind Ensemble Honors is designed to refine students' advanced music skills in the Wind Ensemble setting. Through an increased expectation of focus and rigor, students will strive toward musical excellence, preparing them to pursue music at the collegiate and professional level. Major goals and outcomes will include encouraging musical responsiveness, enhancing creative expression and providing a sound basis of musical experience. These experiences will then be used in learning to make judgments about musical value. Students will additionally develop discipline, and perseverance while attaining advanced proficiency on an instrument. This course will provide opportunities for students to develop and understand the role and development of music and composition through a historical and cultural context. Finally, students will be expected to connect and apply what is learned in music to learning in other art forms, subject areas and careers. The entire course outline will be supported by performance and rehearsal techniques, sectionals, private lessons, lecture, video and audio.

Course Title		JAZZ ENSEMBLE
Course #:	MU25	Pre-Requisite: None.
Grade Levels:	9, 10, 11, 12	Co-Requisite: Wind Ensemble or Honors Wind Ensemble and department approval
Semesters:	2	
Graduation Credit:	Fine Arts	This elective course is designed to develop an understanding of the nature, structure and meaning of the jazz idiom through the rehearsal and performance of advanced jazz literature. This course provides for increasing skill in jazz ensemble performance. This course may be repeated for credit. This year, the course will meet at night on Mon 5-7:30pm (Tues, if no school on Mon) and Thur 2:45-4:15pm.
Fees:	None, incl. in Band Fee	
UC Approval:	Yes, "F" course – Visual & Performing Arts	Note: Students must be concurrently enrolled in Wind Ensemble.

THEATRE

Course Title	THEATRE I	
Course #:	DR10	Pre-Requisite: None
Grade Levels:	9, 10, 11, 12	<p>Students in Theatre I begin to explore the history of the theater. Ancient Greek, Roman, Indian and Asian Theater are introduced with some reading and interpretation. Shakespeare is introduced as well with practice of interpretation and performance. Basic elements of characterization are stressed along with stage placement and movement. Monologues, scene study, improvisational work and one-act plays are all part of the exploration of the Theater I student. They will be asked to read and interpret some 2 and 3 act plays and given the opportunity to perform on stage in a musical; which is part of their final project.</p>
Semesters:	2	
Graduation Credit:	Fine Arts	
Fees:	\$50	
UC Approval:	Yes, "F" course – Visual & Performing Arts	

Course Title	ADVANCED THEATRE	
Course #:	DR20	Pre-Requisite: Theater I with a C- or better in both semesters
Grade Levels:	9, 10, 11, 12	<p>This course is designed to continue the instruction put in place in the Drama 1 class and to allow those students interested in theatrical production an avenue to continue their study. Students continue to study the fundamentals of acting, with an emphasis on improvisation, and the presentation of scenes from selected plays. They hone their performance skills and participate in technical support or performance roles for school productions. The course also provides an introduction to text analysis, blocking, mapping dramatic action, and other fundamental tasks of the director. The advanced theater student will build a portfolio of work throughout the class. Their final projects will be showcased at the end of the Semester. This class is also required to perform in the final musical of the year as part of the final assignment.</p>
Semesters:	2	
Graduation Credit:	Fine Arts	
Fees:	\$65	
UC Approval:	Yes, "F" course – Visual & Performing Arts	

Course Title	HONORS ADVANCED THEATRE	
Course #:	DR20H	Pre-Requisite: Advanced Theatre with a B or better in both semesters and teacher approval
Grade Levels:	11, 12	<p>In-depth study of theatre, acting theory, theatre history, directing, and reader theatre will be emphasized. Specific stylistic periods of theatre will</p>
Semesters:	2	
Graduation Credit:	Fine Arts	
Fees:	\$65	

UC Approval: Yes, "F"
course –
Visual &
Performing
Arts

be addressed, as well as specific scene study techniques in improv, comedy and drama. Students will participate in live productions, as well as exploring the technical aspects of storyboarding, scriptwriting, editing, etc. Students will also write an original script, participate in two productions a year, and attend one production outside of school with written review.

VISUAL ARTS

Course Title PRINCIPLES OF ART

Course #: AR10
Grade Levels: 9, 10, 11, 12
Semesters: 2
Graduation
Credit: Fine Arts
Fees: \$55
UC Approval:

Yes, "F"
course –
Visual &
Performing
Arts

Pre-Requisite: None

High School Beginning Art is full-year course that introduces students to the elements of art and principles of design. Using a variety of media, tools, and artistic styles, students will employ the elements of art to design and build a portfolio of original works that build both technical and creative skills. The major emphasis is art production, but the course will include Biblical application, art history, aesthetics, artistic perception, connections to life, and art terms. Previous experience in art is not necessary. Through lecture and demonstration, students will increase knowledge about and practice handling art media and techniques. Students are expected to participate in class discussions and critiques. Oral and written quizzes will be given to reinforce art terms, lecture and demonstration topics and to evaluate student comprehension.

Course Title GRAPHIC DESIGN

Course #: AR10
Grade Levels: 9, 10, 11, 12
Semesters: 2
Graduation
Credit: Fine Arts
Fees: \$40
UC Approval:

Yes, "F"
course –
Visual &
Performing
Arts

Pre-Requisite: Principles of Art recommended.

The goal of Graphic Design and Digital Art is to give students a well-rounded understanding of art and design techniques and tools in the digital age. Primarily framed as a studio-based course, students will begin with a strong foundation in traditional media, then apply these skills to their use of digital tools and processes, primarily Adobe Photoshop and Adobe Illustrator. New digital processes will also be explored, such as coding, 3D modeling, and time-based media. Students will critique both their own work, the work of peers and the work of successful contemporary artists/designers using art/design elements and principles. All work will be made within the context of examining modern and contemporary

artists and designers in the 20th and 21st centuries. At the end of the year, students will present a Culminating Project to include concepts that they have mastered, relevance to self and to the world, a project, and more.

Course Title		PHOTOGRAPHY
Course #:	AR15	<p>Pre-Requisite: Principles of Art with a C- or better in both semesters</p> <p>Photography is a full year course designed to help students produce expressive and meaningful photographs and developing creative independence through the exploration of both the techniques and the aesthetics of black and white photography. Throughout the course students will use a variety of subjects, styles and techniques as a means of personal, artistic expression. The major emphasis is to provide a basic foundation of art through student exploration, hands on projects, and the study of historical photographs and photographers. Through lecture and demonstration, students will increase knowledge about and practice handling photograph materials and equipment. Students are expected to participate in class discussions and critiques. Oral quizzes will be given to reinforce art terms, lecture and demonstration topics and to evaluate student comprehension.</p>
Grade Levels:	9, 10, 11, 12	
Semesters:	2	
Graduation Credit:	Fine Arts	
Fees:	\$65	
UC Approval:	Yes, "F" course – Visual & Performing Arts	

Course Title		ADVANCED ART
Course #:	AR20	<p>Pre-Requisite: Principles of Art with a C- or better in both semesters</p> <p>High School Advanced Art is full-year course that expands information, ideas, and skills learned in Beginning Art. Using a variety of media, tools, and artistic styles, students will employ the elements of art to design and build a portfolio of original works that build and strengthen their existing technical and creative skills. The major emphasis is art production, but the course will include Biblical application, art history, aesthetics, artistic perception, connections to life, and art terms. Through lecture and demonstration, students will increase knowledge about and practice handling art media and techniques. Students are expected to participate in class discussions and critiques. Oral and written quizzes and tests will be given to reinforce art terms,</p>
Grade Levels:	10, 11, 12	
Semesters:	2	
Graduation Credit:	Fine Arts	
Fees:	\$55	
UC Approval:	Yes, "F" course – Visual & Performing Arts	

lecture and demonstration topics and to evaluate student comprehension.

Course Title		ADVANCED PLACEMENT STUDIO ART (DRAWING, 2-D DESIGN)
Course #:	AR3AP - Drawing AR4AP – 2-D Design	Pre-Requisite: Completion of Principles of Art and Advanced Art, or Principles of Art or Photography and a review of the student’s portfolio (clearly demonstrating the student’s abilities). Acceptance is solely at the discretion of the instructor.
Grade Levels:	11, 12	AP Studio Art is limited to those students who seriously wish to pursue further studies and a career in the fine arts. Unlike previous art classes, this class is student-directed; no specific assignments will be given except those assigned as summer work or when the instructor feels it is necessary to broaden the student’s abilities and breadth portion of the portfolio.
Semesters:	2	
Graduation Credit:	Fine Arts	
Fees:	\$75, plus \$94 AP exam fee	
UC Approval:	Yes, “F” course – Visual & Performing Arts	

NOTE: All students enrolled in an AP course by the end of week three of the second semester are **required to take the AP examination.*

This course encourages and expects creative and systematic investigation of formal and conceptual issues in 2-D design or drawing. All students will develop a portfolio that contains three sections: quality, concentration, and breadth [C1]. This course is equivalent to a first-year college art class and all students are expected to challenge themselves to develop mastery in their ideas, skills, and abilities in 2-D design (including photography) or drawing. This course enables students to develop mastery (i.e. quality) in concept, composition, and execution of 2-D design or drawing [C2]. Since the course is taught at the college level, the instructor, the students, and the parents must commit to investing the necessary time and energy needed to successfully complete the course. Due to the demands of the AP Studio Portfolio, homework (maintaining a sketchbook journal) and completing portfolio work outside the classroom and beyond scheduled periods is used throughout the course. Students will be under contract with the instructor to produce a minimum of twelve works for the breadth area and a minimum of twelve works for the concentration area all of which must meet the rigorous standards of quality dictated by the College Board to fulfill the AP Portfolio requirements.

Course Title		ADVANCED PLACEMENT STUDIO ART (3-D DESIGN)
Course #:	AR5AP	Pre-Requisite: AP 3-D Design is limited to those students who seriously wish to pursue further studies
Grade Levels:	11, 12	

Semesters: 2
 Graduation Credit: Fine Arts
 Fees: \$75, plus \$94 AP exam fee
 UC Approval: Yes, "F" course – Visual & Performing Arts

NOTE: All students enrolled in an AP course by the end of week three of the second semester are **required to take the AP examination.*

and a career in the fine arts. Acceptance into the course is subject to successful completion of: 1) Art I (Principles of Art) and Art II (Advanced Art; or, 2) Art I and a review of the student's portfolio (which clearly demonstrates the student's abilities in 3-D design); or 3) AP Studio Art—2-D Design or AP Studio Art—Drawing. Acceptance is solely at the discretion of the instructor.

Unlike previous art classes, this class is both teacher- and student-directed; specific assignments will be given as summer work and for the breadth portion of the portfolio. All students will develop a portfolio that contains three sections; quality, concentration, and breadth [C1]. Creative and systematic investigation of formal, structural, and conceptual issues in 3-D design including sculpture, fashion, and other three-dimensional media is encouraged and expected. Since the course is equivalent to a first-year college art class, all students are expected to challenge themselves to develop mastery in their ideas, skills, and abilities in 3-D design. Lectures, demonstrations, and individualized instruction will enable students to develop this mastery (i.e. quality) in concept, composition, and execution [C2]. The instructor, students and parents must commit to investing the necessary time and energy needed to successfully complete the course. Due to the demands of the AP Studio Portfolio, homework (maintaining a sketchbook journal) and completing the portfolio work outside the classroom and beyond scheduled class periods is mandatory. Students will be under contract to produce a minimum of twenty-two (22) portfolio pieces (five quality, nine to twelve concentration, and eight breadth) plus the three summer pieces all of which must meet the rigorous standards of quality dictated by the College Board to fulfill the AP Portfolio requirements.

PHYSICAL EDUCATION & OTHER REQUIRED COURSES

Course Title	BOYS/GIRLS PHYSICAL EDUCATION	
Course #:	PE10	Pre-Requisite: 9 th grade standing
Grade Levels:	9	This course provides exposure to a variety of individual and team sports with an emphasis on higher level skills and strategy. Lecture units on nutrition, fitness, muscular-skeletal anatomy, and cardio-respiration offer enhancement to Health curriculum. Students' level of fitness is measured regularly in accordance with state and national testing programs. Curriculum intends to develop understanding of and appreciation for lifelong fitness and healthful living.
Semesters:	2	
Graduation Credit:	Physical Education	
Fees:	one set of PE clothes	
UC Approval:	No	

Course Title	HEALTH ONLINE	
Course #:	PE30	Pre-Requisite: None.
Grade Levels:	9	<i>This 9-week course is required to be taken online. Several sections during the Summer, Fall, and Spring are available on a first-come first served basis. This Health requirement <u>must</u> be completed before the start of Sophomore year.</i>
Semesters:	1	
Graduation Credit:	Health	
Fees:	\$100	
UC Approval:	No	
		The course will provide instruction on the most recent health information available. By learning the facts about various issues, the student will have a basis on which to make their own health choices.

ELECTIVES

Course Title		ACADEMIC SEMINAR
Course #:	AS20	Pre-Requisite: None
Grade Levels:	9, 10	<p>This course is designed to provide a gateway to academic success for all 9th grade and new international students at Linfield, through specially designed academic instructions of English. Students who attend this class will obtain need-specific support to improve their English proficiency in academic knowledge and skills in specific subject content areas. The course uses a workshop approach through which students will have a unique opportunity to work one-to-one with an instructor and other students in small groups on reading and writing assignments from all courses in which students are enrolled (English, Social Studies, Science, etc.). Students further develop study skills, general test-taking strategies, and proficiency in English reading, writing, comprehension, grammar, and vocabulary skills that will help them to be successful in upper-level and AP courses. In addition, the course offers SAT and ACT exam preparation through vocabulary development, as well as reading comprehension and testing strategies.</p>
Semesters:	2	
Graduation Credit:	Elective	
Fees:	None	
UC Approval:	No	

Course Title		YEARBOOK
Course #:	PR20	Pre-Requisite: Application and consent of instructor
Grade Levels:	9, 10, 11, 12	<p>Yearbook is a year-long course, combining the students' critical thinking, writing skills of print journalism with the artistic, creative, and aesthetic skills of the visual and graphic arts. This course is designed to provide practical, specific experiences with the goal being publication of the yearbook. Topics that will be mastered include writing copy, captions and headlines, designing layouts, desktop publishing, photography, communication skills, interviewing, independent thinking skills, and responsibility. Students are expected to assume the responsibilities and self-discipline necessary to contribute to the success of such an organization.</p>
Semesters:	2	
Graduation Credit:	Elective	
Fees:	None	
UC Approval:	Yes, "g" course— College Prep Elective	

Course Title		INTERNSHIP
Course #:	INHS	Pre-Requisite: 11 th -12 th grade standing.
Grade Levels:	11, 12	This course is designed for students to assist Linfield Faculty and Staff members. Students will be directed by the appointed Faculty/Staff member and will work on numerous classroom related activities. The intern will receive a grade from the Faculty/Staff member for their attendance, accountability and a self-evaluation essay. The student will receive five credit points for each semester.
Semesters:	2	
Graduation Credit:	Elective	
Fees:	None	
UC Approval:	No	

ENGINEERING

Linfield Christian School's Engineering Program is designed for high school students who are interested in exploring a career in one of the various fields of engineering and is part of our K-12 STEAM initiative. The program seeks to give students a solid foundation in engineering design and strategies for solving real world problems. The Engineering Program is aligned with Linfield's mission to train up professionals to serve the Lord and the world through their leadership and character.

Our program centers around applying engineering, science, math, and technology to solve complex, open-ended problems in a real-world context. Students focus on the process of defining and solving a problem, not on getting the "right" answer. They learn how to apply STEAM knowledge, skills, and habits of mind to make the world a better place through innovation. Even for students who do not plan to pursue engineering after high school, the Linfield's Engineering program provides opportunities to develop highly transferable skills in collaboration, communication, and critical thinking, which are relevant for any coursework or career.

The Engineering Program consists of TWO primary components:

(1) **A sequence of four or five classes by Project Lead the Way (PLTW)** culminating in a capstone course:

2 Core Engineering Classes (Usually taken during Freshman/Sophomore years)

Intro to Engineering Design Honors (IED)

Principles of Engineering Honors (POE)

1 Field Specific Classes (Students will take in Junior/Senior Years)

Computer Science Principles (CSP)

Civil Engineering and Architecture Honors (CEA)

1 Capstone Course

Engineering Design and Development (EDD) – In this course the student will spend the year researching, designing and testing a project of their own design in coordination with mentors from the engineering community culminating in a presentation to the engineering community.

(2) **A career pathway** that includes specific requirements for student registration and course work, mentoring and support by Linfield teachers and engineering professionals, and participation in internships, as well as a variety of engineering events and activities (field trips, lecture series, honor societies, community service, shadowing, hands-on use of equipment, etc.). The career pathway is a larger commitment of time, with parts of it requiring after school work, some weekend events and an investment of time over the summer.

Course Title		INTRODUCTION TO ENGINEERING DESIGN HONORS (IED)	
Course #:	TE20	Pre-Requisite: Algebra I, concurrent enrollment in Geometry	
Grade Levels:	9, 10, 11, 12		
Semesters:	2	Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3D modeling software, and use an engineering notebook to document their work.	
Graduation Credit:	Elective		
Fees:	\$150		
UC Approval:	Yes, "g" course - Elective		
Course Title			PRINCIPLES OF ENGINEERING HONORS (POE)
Course #:	TE30H		Pre-Requisite: Introduction to Engineering Design, completion of Geometry with a C or better, concurrent enrollment in Algebra II or higher.
Grade Levels:	10, 11, 12		
Semesters:	2	Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation.	
Graduation Credit:	Elective		
Fees:	\$150		
UC Approval:	Yes, "g" course - Elective		
Course Title			COMPUTER SCIENCE PRINCIPLES (CSP)
Course #:	TE40		Pre-Requisite: Algebra I with B or better in both semesters, department approval
Grade Levels:	9, 10, 11, 12		
Semesters:	2	Using Python® as a primary tool and incorporating multiple platforms and languages for computation, this course aims to develop computational thinking, generate excitement about career paths that utilize computing, and introduce professional tools that foster creativity and collaboration. CSP helps students develop programming expertise and explore the workings of the Internet. Projects and problems include app development, visualization of data, cybersecurity, and simulation. The course curriculum is a College Board-approved implementation of AP CS Principles. Students who take this course may choose to take the AP course in May. However, this course does not qualify as an AP course with associated boost in grade point.	
Graduation Credit:	Elective		
Fees:	\$150		
UC Approval:	Yes, "g" course - Elective		

Course Title		CIVIL ENGINEERING AND ARCHITECTURE HONORS (CEA)
Course #:	TE50H	Pre-Requisites: Principles of Engineering Honors with a grade of C or better
Grade Levels:	11, 12	
Semesters:	2	Students learn important aspects of building and site design and development. They apply math, science, and standard engineering practices to design both residential and commercial projects and document their work using 3-D architectural design software.
Graduation Credit:	Elective	
Fees:	\$150	
UC Approval:	Yes, "g" course - Elective	

Course Title		ENGINEERING DESIGN AND DEVELOPMENT HONORS (EDD)
Course #:	TE60H	Pre-Requisites: Principles of Engineering Honors with a C or better, and teacher approval
Grade Levels:	11, 12	
Semesters:	2	The knowledge and skills students acquire throughout PLTW Engineering come together in EDD as they identify an issue and then research, design, and test a solution, ultimately presenting their solution to a panel of practicing engineers. Students apply the professional skills they have developed to document a design process, and they complete EDD ready to take on any post-secondary program or career.
Graduation Credit:	Elective	
Fees:	\$150	
UC Approval:	Yes, "g" course - Elective	

BIOMEDICAL SCIENCE

Linfield Christian School's Biomedical Sciences Program is designed for high school students who are interested in exploring a career in the medical field and was developed in part as a response to a chronic need in Riverside County for qualified health care professionals. The program exposes students to the ever expanding branches of the medical profession, enables them to seek further education in a field about which they are passionate, and affords them opportunities to model practices of the healthcare profession under direct mentorship and instruction of experienced health care professionals. The Biomedical Sciences Program is aligned with Linfield's mission to train future health care professionals to serve the Lord and the world through their character and leadership.

The Biomedical Sciences Program consists of TWO primary components:

(1) A **sequence of four courses by Project Lead the Way (PLTW)** culminating in a capstone course:

- Principles of Biomedical Science Honors (PBS)
- Human Body Systems Honors (HBS)
- Medical Interventions Honors (MI)
- Biomedical Innovation Honors (BI, capstone course)

One new course will be introduced every year in the sequence indicated above. Students who start the program in 2016-17 will be able to graduate in 2019-20 with all four courses on their high school transcript. Students progress through the four-year sequence of courses together as a cohort. All four courses are characterized by hands-on, real-world, collaborative group learning experiences. Courses are successive, progressing in content, skill, complexity and innovation requirements. All are approved by the University of California.

(2) A **career pathway** that includes specific requirements for student registration and course work, mentoring and support by Linfield teachers and community healthcare professionals, and participation in internships, as well as a variety of health care events and activities (field trips, lecture series, science and medical societies, community service, internships, shadowing, hands-on use of medical equipment, etc.).

The first of the four-course sequence by Project Lead the Way (PLTW)—Principles of Biomedical Science—is being offered this year.

Course Title	PRINCIPLES OF BIOMEDICAL SCIENCE HONORS	
Course #:	BMS10	Pre-Requisite: Algebra I; concurrent enrollment in
Grade Levels:	9, 10, 11, 12	Geometry and Biology
Semesters:	2	
Graduation Credit:	Science	In this introductory course of the Project Lead the
Fees:	\$250	Way (PLTW) Biomedical Science program, students
UC Approval:	Yes, "d" course – Laboratory Science	explore concepts of biology and medicine to
		determine factors that led to the death of a fictional
		person. While investigating the case, students
		examine autopsy reports, investigate medical history,
		and explore medical treatments that might have

prolonged the person's life. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems.

Course Title HUMAN BODY SYSTEMS HONORS		
Course #:	BMS20H	Pre-Requisite: Principles of Biomedical Science and Biology with a grade of C or better; concurrent enrollment in Chemistry
Grade Levels:	10, 11, 12	
Semesters:	2	Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis in the body. Exploring science in action, students build organs and tissues on a skeletal Maniken®; use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real-world medical cases.
Graduation Credit:	Science	
Fees:	\$250	
UC Approval:	Yes, "d" course – Laboratory Science	

Course Title MEDICAL INTERVENTIONS HONORS		
Course #:	BMS30H	Pre-Requisite: Human Body Systems Honors with a grade of B- or better in both semesters
Grade Levels:	11, 12	
Semesters:	2	This is the third course of the Project Lead the Way (PLTW) Biomedical Science Program. Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics. Students will also delve into other activities like designing prosthetic arms and drug resistant bacteria.
Graduation Credit:	Science	
Fees:	\$250	
UC Approval:	Yes, "d" course – Laboratory Science	

Course Title BIOMEDICAL INNOVATIONS HONORS		
Course #:	BMS40H	Pre-Requisite: Medical Interventions with a grade B- or better in both semesters and good standing in the Biomedical Academy
Grade Levels:	12	
Semesters:	2	In this capstone course, students apply their knowledge and skills to answer questions or solve
Graduation Credit:	Science	
Fees:	\$250	

UC Approval: Yes, "g"
course –
Elective

problems related to the biomedical sciences. Students design innovative solutions for the health challenges of the 21st century as they work through progressively challenging open-ended problems, addressing topics such as clinical medicine, physiology, biomedical engineering, and public health. They will work on an independent project and may work with a mentor or advisor from a university, hospital, physician's office, or industry. Throughout the course, students are expected to present their work to an adult audience that may include representatives from the local business and healthcare communities. In addition, students will complete several internship/shadowing experiences within the biomedical science community. Students in this course will be required to visit sites off campus and must have access to self-transportation.

ONLINE COURSES

Linfield Christian High School is committed to offering students opportunities to take online classes that provide expanded curricular options for elective and AP classes. These can, in some cases, meet requirements for graduation. The online environment exposes students to other forms of learning. The experience can be very valuable as many college and graduate level classes are now being offered in an online format.

Linfield Christian High School has developed partnerships with two online educational institutions—Orange Lutheran Online and Florida Virtual School—which serve as the educational providers for our students taking online classes. It is important that students and parents consider the following factors when deciding to take an online class:

- The online class environment is predominantly independent learning and will require students to be self-motivated and mature as they will be responsible for their learning.
- While the format of the online classes is non-traditional and flexible, students should expect to be challenged and have nightly and/or weekly homework, tests, projects, or papers. Students must be disciplined to follow the designed scope and sequence of the course in order to be successful.
- Each partnering institution has policies and procedures for the completion of online work, grading, tests, late work, and other educational practices and do not necessarily follow the same policies and procedures as Linfield Christian High School. Therefore, parents and students need to understand and agree to follow the institutions' designed curriculum and policies.
- While Linfield Christian High School will facilitate enrollment into these courses and recognize this coursework on a student's transcript, the student and parents will primarily be dealing with the online instructor and partnering institution. It is critical to understand the expectations for communication and also realize that online education is different from a traditional classroom experience. The majority of communication will occur electronically, so students and parents need to understand and follow the procedures designed by the partnering institution to insure success. Wherever possible, we are committed to providing online courses taught by Linfield faculty. At the moment, four online courses are taught by Linfield faculty: (1) Health – Joanna Ricketts, (2) World History – Ryan McKenzie, (3) World History Honors – Ryan McKenzie, and (4) U.S. History – Krista Mullen.
- In cases where students have a full schedule and need to take an 8th course in order to accommodate a specialized area of interest (Fine Arts, Engineering, Biomed), students may take an 8th course online. Courses which can be taken online for this purpose include World History, World History Honors, US History, AP US History, US Government, Economics, AP US Government, and AP Macroeconomics/Microeconomics. For additional information, please contact the College Counseling Office.

OPTIONAL ONLINE ADVANCED PLACEMENT COURSES

Linfield Christian School is pleased to announce the addition of multiple online AP courses to its high school curriculum through Florida Virtual School (FLVS). These classes are offered as an eighth class and therefore are an additional cost of \$475 per semester.

**Please note: online classes DO NOT appear on report cards. They do, however, appear on transcripts and are factored into the GPA.

The following AP courses will be available:

- AP Art History (two semesters)
- AP Computer Science A (two semesters)
- AP Environmental Science (two semesters)
- AP Human Geography (two semesters)
- AP Macroeconomics (one semester)
- AP Microeconomics (one semester)
- AP Psychology (two semesters)
- AP Statistics (two semesters)
- AP US Government (one semester)
- AP US History (two semesters)

Contact Desirae Jesse, Online Program Coordinator, for more information:
djesse@linfield.com

ADVANCED PLACEMENT ART HISTORY		
Grade Levels:	10, 11, 12	Pre-Requisite: Concurrent enrollment in—or completion of—World History, Honors World History, or AP European History recommended
Semesters:	2	
Graduation Credit:	Elective	The AP Art History course explores such topics as the nature of art, its uses, its meanings, art making, and responses to art. Through investigation of diverse artistic traditions of cultures from prehistory to the present, the course fosters in-depth and holistic understanding of the history of art from a global perspective. Students learn and apply skills of visual, contextual, and comparative analysis to engage with a variety of art forms, constructing understanding of individual works and interconnections of art-making processes and products throughout history. AP Art History is designed to be the equivalent of a two-semester introductory college or university art history survey course.
Fees:	\$475 per semester, plus \$94 AP exam fee	
UC Approval:	Yes, "I" course – Visual & Performing Arts	
<p><i><u>Note:</u> This course is offered as an online independent study course subject to an additional fee of \$475 per semester.</i></p>		

Course Title		ADVANCED PLACEMENT COMPUTER SCIENCE A
Grade Levels:	10, 11, 12	<p>Pre-Requisite: Algebra I and II with a grade of B or better in both semesters</p> <p>The AP Computer Science A course is equivalent to the first semester of a college level computer science course. The AP Computer Science A course is an introductory course in computer science. Because the design and implementation of computer programs to solve problems involve skills that are fundamental to the study of computer science, a large part of the course is built around the development of computer programs that correctly solve a given problem. These programs should be understandable, adaptable, and, when appropriate, reusable. At the same time, the design and implementation of computer programs is used as a context for introducing other important aspects of computer science, including the development and analysis of algorithms, the development and use of fundamental data structures, the study of standard algorithms and typical applications, and the use of logic and formal methods. In addition, the responsible use of these systems is an integral part of the course.</p>
Semesters:	2	
Graduation Credit:	Elective	
Fees:	\$475 per semester, plus \$94 AP exam fee	
UC Approval:	Yes, "g" course – College preparatory elective	
<p><i><u>Note:</u> This course is offered as an online independent study course subject to an additional fee of \$475 per semester.</i></p>		

Course Title		ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE
Grade Levels:	10, 11, 12	<p>Pre-Requisite: Algebra I and two years of high-school science, with labs</p> <p>The AP Environmental Science course explores the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. Students evaluate the risks associated with environmental problems and examine alternative solutions in virtual labs. This course meets one required science credit for high school graduation. The ultimate goal is to prepare students to successfully take the AP Environmental Science examination offered in May.</p>
Semesters:	2	
Graduation Credit:	Science	
Fees:	\$475 per semester, plus \$94 AP exam fee	
UC Approval:	Yes, "d" course – Laboratory Science	
<p><i><u>Note:</u> This course is offered as an online independent study course subject to an additional fee of \$475 per semester.</i></p>		

Course Title ADVANCED PLACEMENT HUMAN GEOGRAPHY		
Grade Levels:	10, 11, 12	Pre-Requisite: Strong reading and writing skills are recommended.
Semesters:	2	
Graduation Credit:	Elective	In AP Human Geography, students explore the patterns and processes that impact the way humans understand, use, and change Earth's surface. Geographic models, methods, and tools help students examine the effect that human social organization and interconnections have on our world. The ultimate goal is to prepare students to successfully take the AP Human Geography examination offered in May.
Fees:	\$475 per semester, plus \$94 AP exam fee	
UC Approval:	Yes, "g" course – College preparatory elective	

Note: This course is offered as an online independent study course subject to an additional fee of \$475 per semester.

Course Title ADVANCED PLACEMENT MACROECONOMICS		
Grade Levels:	10, 11, 12	Pre-Requisite: None
Semesters:	1	The purpose of the AP course in macroeconomics is to give students a thorough understanding of the principles of economics that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price-level determination, and also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Topics include: basic economic concepts, measurement of economic performance, national income and price determination, financial sector, stabilization policies, economic growth, and open economy.
Graduation Credit:	Elective	
Fees:	\$475 per semester, plus \$94AP exam fee	
UC Approval:	Yes, "g" course – College preparatory elective	

Note: This course is offered as an online independent study course subject to an additional fee of \$475 per semester.

Course Title ADVANCED PLACEMENT MICROECONOMICS		
Grade Levels:	10, 11, 12	Pre-Requisite: None
Semesters:	1	The purpose of the AP course in microeconomics is to give students a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and
Graduation Credit:	Elective	
Fees:	\$475 per semester,	

plus \$94 AP exam fee UC Approval: Yes, “g” course – College preparatory elective	producers, within the economic system. It places primary emphasis on the nature and functions of product markets and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy. Topics include: basic economic concepts, the nature and functions of product markets, factor markets, and market failure and the role of government.
--	---

Note: This course is offered as an online independent study course subject to an additional fee of \$475 per semester.

Course Title	ADVANCED PLACEMENT PSYCHOLOGY	
--------------	-------------------------------	--

Grade Levels:	10, 11, 12	Pre-Requisite: None
Semesters:	2	
Graduation Credit:	Elective	AP Psychology is a college-level course providing students an overview of the development of human behaviors and thoughts. Along with preparation for the AP Psychology exam, the goals of this course are to immerse students in modern psychological investigation techniques, to accentuate the ethics and morality of human and animal research, and to emphasize scientific critical thinking skills in application to the social sciences. Psychology is a diverse social and biological science with multiple perspectives and interpretations. The primary emphasis of this course is to help students develop an understanding of concepts rather than memorize terms and technical details; the ultimate goal is to prepare students to successfully take the AP Psychology examination offered in May.
Fees:	\$475 per semester, plus \$94 AP exam fee	
UC Approval:	Yes, “g” course – College preparatory elective	

Note: This course is offered as an online independent study course subject to an additional fee of \$475 per semester.

Course Title	ADVANCED PLACEMENT STATISTICS	
--------------	-------------------------------	--

Grade Levels:	10, 11, 12	Pre-Requisite: Completion of Algebra II with a B or better in both semesters
Semesters:	2	
Graduation Credit:	Math	AP Statistics enables students to actively construct understanding of the methods, interpretation, communication, and application of statistics. Each unit is framed by ideas and questions designed to provide students with a deep understanding of the concepts at hand, rather than memorization and emulation. This course meets one required math credit for high school graduation; the ultimate goal is to prepare students to successfully take the AP Statistics examination offered in May.
Fees:	\$475 per semester, plus \$93 AP exam fee	
UC Approval:	Yes, “c” course – Math	

Note: This course is offered as an online independent study course subject to an additional fee of \$475 per semester.

Course Title ADVANCED PLACEMENT UNITED STATES GOVERNMENT		
Grade Levels:	12	Pre-Requisite: U.S. History with a grade of A or better in both semesters, or AP U.S. History with a grade of B or better in both semesters
Semesters:	1	
Graduation Credit:	Social Studies	This college-level course will examine the national government and political system of the United States. The course will require a substantial amount of reading and preparation for each class. The objectives of this course far surpass a basic examination of how the U.S. government works. Students will study the organization of government and the processes of the American political system, highlighting policy-making and implementation. The institutions and policies of the U.S. government will be studied in the context of historical transformation, constitutional procedures, and comparative perspectives. This course is designed to prepare students for the AP exam.
Fees:	\$475 per semester, plus \$93 AP exam fee	
UC Approval:	Yes, "a" course – History/Social Science	
<p><i>Note: This course is offered as an online independent study course subject to an additional fee of \$475 per semester.</i></p>		

Course Title ADVANCED PLACEMENT UNITED STATES HISTORY		
Grade Levels:	11	Pre-Requisite: 11 th grade standing. AP European History with a grade of B or better, or World History with a grade of A or better
Semesters:	2	
Graduation Credit:	Social Studies	AP U.S. History is a challenging course that is to be the equivalent of a freshman college course and can earn students college credit. It is a two-semester survey of American History from the Age of Exploration and Colonization to the 1990's. Strong reading and writing skills, along with a willingness to devote considerable time to preparation and study, is a must in order to succeed. Emphasis is given to critical and evaluative thinking skills, essay writing, interpretation of documents and graphs and tables, and historiography. Students who are enrolled in this course are expected to take the national exam in mid-May.
Fees:	\$475 per semester, plus \$93 AP exam fee	
UC Approval:	Yes, "a" course – History/Social Science	
<p><i>Note: This course is offered as an online independent study course subject to an additional fee of \$475 per semester.</i></p>		

OPTIONAL ONLINE ELECTIVE COURSES

Linfield Christian School is pleased to announce the addition of several elective courses for student enrichment to its high school curriculum. These classes are offered through Florida Virtual School (FLVS) as an eighth class and therefore are an additional cost of \$475 per semester.

These classes are available to grades 9, 10, 11, 12; and they serve to satisfy elective credit (“g” course – College preparatory elective).

Contact Desirae Jesse, Online Program Coordinator, for more information and for details on course content: djesse@linfield.com

**Please note: online classes DO NOT appear on report cards. They do, however, appear on transcripts and are factored into the GPA.

Elective Courses

Art History and Criticism I (two semesters)
Creative Photography (two semesters)
Critical Thinking and Study Skills (one semester)
Digital Information Technology (two semesters)
Forensic Science (two semesters)
Foundations of Programming (two semesters)
Foundations of Web Design (two semesters)
Journalism I (one semester)
Law Studies (one semester)
Leadership Skills Development I (two semesters)
Personal and Family Finance (one semester)
Psychology I (one semester)
Social Media I (one semester)
Sociology (one semester)
User Interface Design (one semester)
World Religions (two semesters)

DUAL ENROLLMENT COURSES

Linfield Christian School is pleased to announce the addition of dual enrollment courses for student enrichment to its high school curriculum. These are courses taught by a LCHS faculty member who teaches the college-level course on the LCHS campus. The class is recorded on both the LCHS transcript and the college/university transcript, with a letter grade assigned. Therefore, a student can receive college credit while attending high school.

Two dual enrollment courses are offered this year with college credit offered by Concordia Lutheran:

- **Psychology (Fall Semester)**
- **Sociology (Spring Semester)**

PLEASE NOTE:

- There is an additional fee of \$150 per semester for these courses.
- *LCHS does not guarantee that dual enrollment college credits will transfer to the student's college/university of choice. Please work with your college counselor to determine likelihood of transferability of these courses to colleges/universities you are considering for application.

Course Title	INTRODUCTION TO PSYCHOLOGY	
Course #:	PSY 101	Pre-Requisite: 11 th or 12 th grade standing, grade B or better in both semesters of previous English class
Grade Levels:	11, 12	
Semesters:	1 (Fall)	Introduction to Psychology is a challenging college-level course. It is an introductory survey course acquainting the student with the procedures, principles, theories and vocabulary of psychology as a science.
Graduation Credit:	Elective	
Fees:	\$150 per semester	
UC Approval:	No	
Dual Credit:	Yes – 3 credits *See note above	

Course Title	INTRODUCTION TO SOCIOLOGY	
Course #:	SOC 101	Pre-Requisite: 11 th or 12 th grade standing, grade B or better in both semesters of previous English class
Grade Levels:	11, 12	
Semesters:	1 (Spring)	Introduction to Sociology is a challenging college-level course. It is an introduction to the study of social groups and social relationships. The course analyzes basic sociological concepts to acquaint the student with the fundamental laws governing human relationships. Problems of social structure, social processes and social motivations will be considered.
Graduation Credit:	Elective	
Fees:	\$150 per semester	
UC Approval:	No	
Dual Credit:	Yes – 3 credits *See note above	

Course Title PRINCIPLES OF ECONOMICS (ONLINE)

Course #:	SOC 101	Pre-Requisite: 11 th or 12 th grade standing GPA, grade B or better in both semesters of previous English class
Grade Levels:	11, 12	
Semesters:	1 (Spring)	Principles of Economics offers a single semester introduction to both Micro and Macro Economics. Students emerge with a basic understanding of the concepts behind economists' analysis of labor and product markets as well as business decisions. They also learn to recognize the perspectives of macroeconomists and evaluate how fiscal and monetary policy may adversely or positively impact the macro-economy.
Graduation Credit:	Elective	
Fees:	\$150 per semester	
UC Approval:	No	
Dual Credit:	Yes – 3 credits *See note above	