



**Upper School Curriculum Guide
2021 - 2022**

Mission

Fort Worth Christian is a Christ-centered college preparatory school where every student is known, loved, and valued, taught excellence in and out of the classroom, and empowered by a biblical worldview.

Vision

Empowering students for a lifetime of faith, service, and leadership for Christ.

Core Values

Courageous Leadership
Always Learning and Growing
Respect for God, Self, Others & Creation
Distinctive by Design
Spirit of Joyful Service

Accreditation and Affiliations

Fort Worth Christian School is a member of CESA (Council of Educational Standards and Accountability, <http://www.cesaschools.org>) and the Texas Private School Association. We are an accredited member of Cognia (formerly known as AdvancED) and the National Christian Schools Association.

Welcome

The Upper School experience at FWC is one that offers an academically challenging Christ-centered college preparatory program for students in grades 9-12.

Upper School is an important time of development where students are continuing to find who they are, become stronger academically, and develop a sense of independence before they graduate and head off into the world. At FWC, we take pride in the fact that we know, value, and love every student. Our staff and faculty strive to teach our students how to self-advocate while challenging them to give their best effort and display excellence in the classroom, on the field, and on the stage. Beyond focusing only on cognitive skill sets taught in the classroom, we address non-cognitive skills such as teamwork, time management, curiosity, creativity, and resilience. With a Christian perspective undergirding all they do and teach, our faculty are committed to helping our students be prepared to enter the world supported by a biblical foundation.

As a college preparatory day school, one of our primary goals is to prepare students for the college or university that fits them best. We encourage our students to take advantage of the variety of experiences our Upper School has to offer. This includes a wide range of academic offerings such as Advanced Placement courses, dual credit college courses, honors courses, and college preparatory courses. This curriculum guide provides information outlining the course offerings available to FWC students.

The curriculum at Fort Worth Christian is college-preparatory and state recognized, requiring 30 academic credits for graduation. Students are required to enroll in a minimum of 5 core classes (English, math, science, history, and Bible) each semester. Students may also enroll in electives such as fine arts, technology, modern & classical languages, and physical education/athletics.

If you have any questions about the content of this document or if you would like more information about course offerings, please do not hesitate to contact the Upper School administration.

Course Levels

College Preparatory (CP)

All courses at Fort Worth Christian School are designed to prepare students for success in college. All students who are enrolled at FWC are all eligible to enroll in college preparatory (CP) courses.

Honors (H)

Honors courses are offered for high school students. Acceptance into these courses is based on completion of the student application process, the student's current grade in the requested subject area, and standardized test results. Writing samples may also be required. Students taking advanced level courses are expected to participate in all activities and maintain a positive attitude throughout the course. Honors courses add an additional 10% weighting to the semester grade, which is only used for the purpose of calculating class ranking.

Advanced Placement (AP)

AP courses are offered for sophomores, juniors, and seniors. Acceptance into these courses is based on completion of the student application process, the student's current grade in the requested subject area, and standardized test results. Writing samples may also be required. Students taking advanced level courses are expected to participate in all activities and maintain a positive attitude throughout the course. AP Courses add an additional 15% weighting to the semester grade, which is only used for the purpose of class ranking.

Students taking AP courses will be required to take the AP exams in the spring. The highest examination score is a 5, and many universities accept scores of 3, 4, and 5 for credit or advanced standing. The student is responsible for arranging with his/her college of choice to apply for credit earned through these examinations. Students must pay an examination fee for each AP test. In addition, students will be required to purchase the required texts for AP classes.

Dual Credit (DC)

General: Dual credit courses allow students to simultaneously earn high school credit and college credit hours. Dual Credit courses are offered through Texas Wesleyan University and Colorado Christian University. Classes are listed below with FWC course name and college code. TWU and CCU courses each earn 3 college credit hours upon satisfactory completion of the course.

Colorado Christian University Dual Credit Courses:

DC World History (HIS 185 - Western Civilization)
DC American Government and Politics (POL 207 - Introduction to American Politics)
DC Macroeconomics (ECO 215 - Economics)

Texas Wesleyan University Dual Credit Courses:

DC Introduction to Ethics (REL 1313)
DC New Testament Ethics (REL 1312)
DC Composition I (ENG 1301)
DC Composition II (ENG 1302)
DC College Algebra (MAT 1302)
DC Calculus (MAT 1324)
DC US History I (HIS 2321)
DC US History II (HIS 2322)
DC Spanish I (SPN 1341)
DC Spanish II (SPN 1342)
DC Spanish III (Intermediate Spanish) (SPN 2313)
DC Spanish IV (Intermediate Spanish) (SPN 2314)

Acceptance: To be eligible for a dual credit course, students must complete an application to the FWC department in which they will take the course. Approval for taking these classes will be based on the standard selection criteria listed in this catalog.

Forms: Students accepted to dual credit courses will receive instructions before the beginning of the semester for completing online registration. Failure to return complete forms on time may disqualify the student from Dual Credit enrollment.

Fees and Credit: Students enrolled in dual credit classes must pay an additional fee for each 3-credit course they take. Details regarding payment will be provided after enrollment. Dual credit courses receive an additional 10% weighting calculated into a student's weighted average. DC College Algebra is the only exception and is not a weighted class. Note: the student is responsible for purchasing the university textbooks.

Course Load

The standard load for Freshman and Sophomores is 7 classes (All freshmen are required to enroll in a study hall). Juniors and Seniors are required to enroll in a minimum of 5 core classes (Bible, English, math, science, and history) each semester and are only permitted to have a maximum of two free periods per year. Note: Transfer students who enter as juniors or seniors must enroll in a minimum of 6 credit hours per year.

Credit Recovery

Students who are deficient in credits will be required to take courses to recover those credits before the first day of classes in the following school year.

- Any student needing 1 half-credit will be required to complete recovery of the course prior to the first day of school the following year or they will be placed on academic probation.
- Any student needing to recover 2 or more half-credits will be placed on academic probation and will not be able to re-enroll until those credits are recovered.

Credits can be recovered through approved online correspondence courses or through local summer school or evening classes. Courses taken through online correspondence will not count toward a student's GPA calculations, nor will they be used to determine class rank. Recovered credits cannot be used to replace failing grades. They will count toward credit for those courses. Courses for credit recovery should be approved through the Upper School office. Proof of completion will be required for credit.

Grade Point Average

A student's unweighted grade point average is calculated using the 4.0 scale listed below. Students' also have a weighted GPA calculated based on a 100.0 scale. In calculating the weighted GPA of a student each Advanced Placement course is issued a 15% grade bump. Dual Credit and Honors courses receive a 10% grade bump.

Numerical Grade	Letter Grade	Grade Points
90-100	A	4.0
87-89	B+	3.3
80-86	B	3.0
77-79	C+	2.3
70-76	C	2.0
65-69	D	1.0
0-64	F	0.0

- Physical education/athletics, office aide, middle school courses, transfer courses, study hall, select individual fine arts classes, and any grades from correspondence courses are not calculated into a student's GPA.
- The GPA shown on a transcript is unweighted. GPAs are calculated based on semester 1 and semester 2 grades. Semester grades are not averaged.

Graduation Requirements

Department	Number of Credits	Required Courses
Bible	4 credits	
English	4 credits	
Math	4 credits	Algebra 1, Geometry, Algebra II
Science	4 credits	Biology, Chemistry
History	4 credits	Cultural Geography, Modern World History, US History, Government/Economics
Modern & Classical Language	2 credits	Must be two of the same language (3 credits recommended)
Fine Arts	1 credits	
Technology	1 credits	
Physical Education/Athletics	1.5 credits 1.0 credit (beginning class of 2023)	
Additional Coursework (Elective)	4.5 credits 5 credits (beginning class of 2023)	
Community Service	10 hours per year completed during Cardinal Service Week.	

Total Credits: 30

Students transferring to FWC from other schools as freshmen and sophomores are required to complete all Fort Worth Christian School graduation requirements, including the completion of a total of 30 credits. Students transferring to Fort Worth Christian School as juniors are required to complete 29 credits, and those transferring as seniors are required to complete 28 credits. Students entering as juniors or seniors must enroll in a minimum of 6 credit hours per year.

Although grades from transfer courses are used in making admissions decisions, they are not calculated into the student's GPA as transfer courses and do not appear on the Fort Worth Christian School transcript. Transfer students will submit individual transcripts to colleges and universities from each school they have attended at the time of application. For the purposes of calculating class ranking (Top 6% and Top 10%), Fort Worth Christian School will review a student's coursework and grades completed at the previous institutions they have attended.

In order to be considered for Valedictorian or Salutatorian a transfer student must attend Fort Worth Christian School as a Sophomore, Junior, and Senior.

Graduating with Honors

To graduate with honors, students must complete and pass six full-year Honors (Pre-AP), Dual Credit, or AP classes and maintain a weighted average of 93.0 or above. A weighted average of 93 to 95.99 qualifies the student to graduate cum laude. A weighted average of 96 to 99.99 is magna cum laude, and a weighted average of 100 or greater is summa cum laude.

Seniors with a 90 or above that have not completed six advanced courses qualify as a "Distinguished Graduate" but do not graduate with honors as specified above.

Partnership with Ethos School

The Upper School at Fort Worth Christian School has partnered with Ethos School (a subsidiary of Greater Atlanta Christian Schools, inc.) to offer online, virtual classes to juniors and seniors who are seeking to enroll in courses beyond those offered at FWC.

Examples of available Ethos Courses:

AP Statistics

AP Physics C Mechanics and AP Physics Electricity and Magnetism

Psychology (Dual Credit)

Additional tuition will be assessed for each of the courses in which a student enrolls. Upon satisfactory course completion, credit and grades for these courses will be entered onto a student's Fort Worth Christian School transcript.

Selection Criteria for Advanced Courses

The following selection criteria will be used when applying for honors, dual credit, and Advanced Placement courses. Students that meet the criteria will be able to apply for and enroll in the courses where they have satisfied the selection criteria. Students who do not satisfy the selection criteria will need to demonstrate improvement the following year before applying.

Check the course description for the specific selection requirement as some may require only math or EBRW (Evidence Based Reading and Writing) and others may require both.

- Students who meet the criteria for the green section are qualified and will be admitted into the course as long as room is available.
- Students who are in the red may not apply for the advanced course until the following year when the stated criteria have been achieved.

Admit	<ul style="list-style-type: none"> ● 90+ Semester average in previous regular course ● 85+ Semester average in previous advanced course ● 3 to 4 on Writing Sample - English and History (Students new to FWC US) ● 70th Percentile or greater on the PSAT 8/9 or PSAT/NMSQT (EBRW and/or Math) ● Positive Teacher recommendation
Not Admitted	<ul style="list-style-type: none"> ● < 90 Semester Average in previous regular course ● < 85 Semester average in previous advanced course ● < 3 on Writing Sample - English and History (Students new to FWC US) ● < 70th percentile on the PSAT 8/9 or PSAT/NMSQT Benchmark (EBRW and/or Math) ● Negative Teacher recommendation

Note: Taking an upper level advanced course is a privilege and a challenge. Students with excessive classroom disruptions may be removed from advanced level courses if their behavior negatively impacts the learning of others.

Standardized Testing

Advanced Placement Examinations - Students who complete AP courses are required, on completion of the course, to sit for the advanced placement examination overseen by the College Board. These exams provide students with the opportunity to earn college credit.

PSAT/NMSQT and PSAT 8/9- Students in grades 8-11 take the PSAT 8/9 or PSAT/NMSQT exam each year. Juniors taking the PSAT/NMSQT have the opportunity to qualify as National Merit Scholars.

Pre ACT – Grades 9 and 10 may have the opportunity to take the Pre ACT.

SAT/ACT - Juniors are expected to sit for the SAT and/or ACT. All juniors will be administered the ACT in March of their junior year at FWC. Seniors are provided the opportunity to sit for the SAT in October of their senior year at FWC.

School code: 442-517

Withdrawal Policy (Add/Drop)

Schedule permitting, a course can be added or dropped in the first 10 school days of a semester with nothing about the course appearing on a student's report card or transcript. Any course dropped after 10 school days will receive a "W" or "WF" on the report card and transcript. Schedules will not be adjusted to accommodate jobs or off-campus courses. Students need to schedule outside activities after 3:30 p.m.

Exceptions may be made with administration approval only for the following reasons:

- 1) medical reasons
- 2) academic misplacement
- 3) teacher recommendation
- 4) administrative discretion

In order to add or drop a course, a student must complete the "Schedule Change Request Form" which can be picked up in the Upper School Office. Parent signature is required.

Upper School Course Descriptions

Bible

Course Name: Biblical Interpretation

Course Number: BIB101

Grade: 9 (Fall Semester)

Prerequisite: None

Credit: .5 (College Prep)

This course will focus on acquainting students with the Bible, a book worthy of our study, following, and respect. Students will be introduced to each of the major genres of scripture, as well as to the major themes that weave each of these genres together.

This course will help students learn how to read the Bible in a way that honors the text.

It will also introduce students to daily Bible reading tips and study skills.

Course Name: Life of Christ

Course Number: BIB125

Grade: 9 (Spring Semester)

Prerequisite: None

Credit: .5 (College Prep)

This course will focus on the life of Jesus as described in the first four books of the New Testament. The material for this course will be divided up into three segments: 1)

Historical background to the Gospels; 2) An in-depth look at various elements of Jesus' life and teachings; and 3) Literary analysis of the four Gospels themselves, with a special concentration on each writer's theology, ordering, and emphasis concerning Jesus Christ and discipleship.

Course Name: The Story of Israel

Course Number: BIB201

Grade: 10 (Fall Semester)

Prerequisite: None

Credit: .5 (College Prep)

This course gives an overview of the history of ancient Israel from Genesis to the Persian Period. Students will study the text of the Pentateuch and historical books of the Old Testament, and then place them within their ancient context by analyzing extra-biblical texts, archaeological remains, geography, and cultural backgrounds.

Additionally, this course will discuss how God revealed Himself through the history of ancient Israel, and how the authors of the Old Testament viewed God and His relationship with humanity.

Course Name: Poetry and Prophets

Course Number: BIB202

Grade: 10 (Spring Semester)

Prerequisite: None

Credit: .5 (College Prep)

This second Old Testament course will provide an overview of Hebrew wisdom literature, poetry, and prophecy. Students will study Hebrew poetry in its context and identify poetic elements, themes, and the role of worship in ancient Israelite society. This course will also survey both the major and minor prophets of the Bible, and discuss the role of prophets in Iron Age Israel and Judah. Students will look at religious beliefs of ancient Israel and Judah using the Bible, extra-biblical texts, and archaeological remains while discussing the topics of social justice, worship, and the Messiah in prophetic literature.

Course Name: The Teachings of Paul

Course Number: BIB300

Grade: 11 (Fall Semester)

Prerequisite: None

Credit: .5 (College Prep)

This course focuses on the writings of the most prolific New Testament author - the apostle Paul. Through study of the four pillars of Paul's writings (Romans, the Corinthian Epistles, Galatians, and Ephesians), students will develop a foundational understanding of Pauline theology which will serve not only as a lens through which to read the entire collection of Pauline epistles (Philippians, Colossians, First and Second Thessalonians, First and Second Timothy, Titus, and Philemon) but also to aid in their understanding of what it truly means to be a follower of Christ.

Course Name: Non-Pauline Epistles

Course Number: BIB301

Grade: 11 (Spring Semester)

Prerequisite: None

Credit: .5 (College Prep)

This course focuses on the epistolary collection attributed to authors other than Paul. Students will begin the semester by studying the history of the early church after the ascension of Christ as recorded in the book of Acts, continuing on through the remainder of the epistles (Hebrews, James, First and Second Peter, First, Second, and Third John, and Jude), and conclude with an in-depth study of John's Revelation.

Course Name: Worldviews: World Religions

Course Number: BIB400

Grade: 12 (Fall Semester)

Prerequisite: None

Credit: .5 (College Prep)

This comparative religion course is designed to expose students to the plurality of belief-systems and lifestyles that populate the modern world. Class time will be spent surveying and discussing prominent world religions and ethical systems as they compare to the classical Christian worldview. The purpose of this course is to equip future FWC graduates with the knowledge they need to converse confidently (yet humbly) with people who possess worldviews different from their own.

Course Name: Worldviews: Modern Philosophies

Course Number: BIB401

Grade: 12 (Spring Semester)

Prerequisite: None

Credit: .5 (College Prep)

This comparative philosophy course is designed to expose students to the plurality of belief-systems and lifestyles that populate the modern world. Class time will be spent surveying and discussing primarily atheistic philosophies and non-religious ethical systems as they compare to the Christian worldview. The purpose of this course is to equip future FWC graduates with the knowledge they need to converse confidently (yet humbly) with people who possess worldviews different from their own.

Course Name: Dual Credit Introduction to Ethics

Course Number: BIB650

Grade: 11/12 - Fall semester

Prerequisite: Application and Teacher Interview Required

Selection Criteria: Standard selection criteria EBRW.

Credit: .5 High School (Dual Credit), 3 college credits at Texas Wesleyan University

Weighting: 10%

Course Fee and Textbook purchase Required

This course is an introductory study of ethical theory, its history, major figures, and impact on contemporary issues. Students will engage this material through assigned readings, discussions, class lectures, written essays, and organized student debates. Students who have enrolled in this course will earn 3 hours of college credit for a collegiate level Ethics course or an equivalent undergraduate Bible course.

Course Name: Dual Credit New Testament Ethics

Course Number: BIB651

Grade: 11/12 - Spring semester

Prerequisite: Application and Teacher Interview Required

Selection Criteria: Standard selection criteria EBRW.

Credit: .5 High School (Dual Credit), 3 college credits at Texas Wesleyan University

Weighting: 10%

Course Fee Required

This course is an analysis of Christian worldview thinking using the writings of the New Testament as a guide for identifying and applying Biblical beliefs, values, and practices to modern life. Students will engage with the ethics of Jesus of Nazareth as he fulfills the roles of Immanuel, suffering servant, great healer, bridegroom, and snake-crusher within New Testament theology. Each of these five scriptural lenses will be explored using assigned readings, in-class discussions, journaling, lectures, videos, written essays, and student presentations. The ethical concepts and cultural topics addressed in this course connect back to the Fall semester's "Introduction to Ethics" course.

Students who have enrolled in this course will earn 3 hours of college credit for a collegiate level New Testament course or an equivalent undergraduate Bible course.

English

Course Name: English I

Course Number: ENG100

Grade: 9

Prerequisite: English 8

Credit: 1 (College Prep)

English I will incorporate literature, writing, grammar, and vocabulary study. Students will explore literature from a variety of genres, cultures, and time periods with emphasis on increased reading comprehension, basic literary analysis, and life application. Writing instruction will focus on improved organization of thoughts and clear expression of ideas. Grammar and vocabulary will be integrated with the study of writing and literature as tools to enhance the student's ability to more effectively use language, both in speech and writing. Research techniques will be taught with emphasis on ethical presentation and use of information. One novel is required for summer reading.

Course Name: Honors English I

Course Number: ENG130

Grade: 9

Prerequisite: English 8, application required

Selection Criteria: Standard selection criteria EBRW, US entry writing sample

Credit: 1 (Honors)

Weighting: 10%

Honors English I is an advanced class that teaches materials covered in English I while challenging students to further depths of expression, more independent thought, and higher thinking skills. During the school year, students are asked to read one more novel than is read in English I. Writing assignments are expected to use higher level of vocabulary usage, grammar proficiency, and insight than in English I, and testing and quizzing are often more open-ended, expecting a deeper level of understanding. As an Honors class, this course seeks to provide specific skills for meeting the demands of later Honors and AP English courses. Two novels are required for summer reading.

Course Name: English II

Course Number: ENG200

Grade: 10

Prerequisite: English I or Honors English I

Credit: 1 (College Prep)

English II will expose the student to world literature from ancient to modern times, including drama, poetry, short stories, and novels. Each will be studied in light of the particular elements of its genre as well as the historical and cultural influences in which it was created. Through independent study, teacher-guided activities, and peer group activities, students will explore how great authors use language to express ideas. They will work to improve writing skills through a variety of writing activities including a research paper. Vocabulary will be designed to improve their level of expression and to help prepare them for standardized college entrance testing. Grammar activities will review important skills and teach concepts to enhance their clarity and style in writing and verbal expression. One novel is required for summer reading.

Course Name: Honors English II

Course Number: ENG230

Grade: 10

Prerequisite: English I or Honors English I, application required

Selection Criteria: Standard selection criteria EBRW, US entry writing sample for students new to FWC

Credit: 1 (Honors)

Weighting: 10%

This course incorporates the elements of English II while challenging the student to read and write at a more advanced level. During the year, students read one more novel as a class than is read in English II. They are also expected to independently read a novel each semester and complete several activities demonstrating their understanding of its content, style, and theme. The class has a major emphasis on writing, asking students to write both in class under time constraints and outside of class with greater expectations for level of vocabulary and expression. Honors English II is specifically designed to teach students the literary analysis skills that they will need to move into higher-level AP classes. Two novels are required for summer reading.

Course Name: English III

Course Number: ENG300

Grade: 11

Prerequisite: English II or Honors English II

Credit: 1 (College Prep)

This course explores American Literature, chronologically examining various writings from Native American mythology to contemporary authors. Different genres of drama, poetry, fiction, and nonfiction are studied to provide insight into the history and development of American culture. Emphasis is placed on writing, grammar, and vocabulary skills. Through independent study, teacher-guided activities, and peer group activities, students explore how great authors use language to express ideas. Students work to develop writing and research skills through a persuasive paper. Analytical essays and creative compositions are also assigned to further develop writing skills. Vocabulary is assigned to improve students' level of expression and to help prepare them for standardized college entrance testing. Grammar activities review important skills and teach concepts to enhance clarity and style in writing and verbal expression. One novel is required for summer reading.

Course Name: Dual Credit Composition I

Course Number: ENG350 (TWU ENG1301)

Grade: 11, 12

Prerequisite: English II or Honors English II, application required

Selection Criteria: Standard selection criteria EBRW, US entry writing sample for students new to FWC

Credit: .5 (Honors, Dual Credit, 3 college credits at Texas Wesleyan University)

Weighting: 10%

Course Fee and textbook (free online ebook)

Designed to encourage critical reading and thinking, this course establishes the components of the writing process, familiarizes students with basic rhetorical vocabulary, introduces elements of the various types of writing, and introduces students to the role of technology in research and writing. In order to succeed, students must demonstrate proficiency in word processing and computer searches. Two novels are required for summer reading.

Course Name: Dual Credit Composition II

Course Number: ENG350 (TWU ENG1302)

Grade: 11, 12

Prerequisite: Eng350 fall semester, application required

Selection Criteria: Standard selection criteria EBRW, US entry writing sample for students new to FWC

Credit: .5 (Honors, Dual Credit, 3 college credits at Texas Wesleyan University)

Weighting: 10%

Course Fee and textbook (free online ebook)

Building on principles learned in English 1301, this course further explores the role of the writer as a critical reader by focusing on the dominant genres of literature: fiction, poetry, drama, and essays. Students gain a better understanding of composition by writing explications and analyses as they learn to establish researched critical positions. A ten-page well-researched persuasive paper over a literary text is required.

Course Name: Advanced Placement Language and Composition

Course Number: ENG375

Grade: 11, 12 (Availability alternates every other year with AP Literature and Composition)

Prerequisite: English II or Honors English II, Application Required

Selection Criteria: Standard selection criteria EBRW, US entry writing sample for students new to FWC

Credit: 1 (AP), Possible college credit through examination.

Weighting: 15%

AP Test Fee and textbook purchase required

AP English Language and Composition offers students an opportunity to learn how to read critically and do rhetorical and stylistic analysis. The main goal, like typical college composition courses, is to create strong writers who will have the skills to write effectively in college courses and in their personal and professional lives. For this reason, students will be asked to read and write many different kinds of essays—argumentative, expository, analytical, personal, and even creative. The course is fast-paced and demanding; thus, it is essential for students to be willing to stretch themselves both academically and personally. Two works of literature are required for summer reading. This course will be offered in rotation with AP English Literature and Composition.

Course Name: Advanced Placement Literature and Composition

Course Number: ENG475

Prerequisite: English II, Honors English II, application required

Selection Criteria: Standard selection criteria EBRW, US entry writing sample for students new to FWC

Grade: 11,12 (Availability alternates every other year with AP Language and Composition)

Credit: 1 (AP), Possible college credit through examination.

Weighting: 15%

AP Test Fee and textbook purchased required

AP English Literature challenges students to read and interpret a wide range of imaginative works. Students are asked to explore a variety of genres and literary periods and to write clearly about the literature they encounter. By the end of the course, students have cultivated a rich understanding of literary works and acquired a set of analytical skills they will use throughout their lives. Two novels will be required for summer reading. This course will be offered in rotation with AP English Language and Composition.

*AP Language and Composition will be offered during school years that start in the Fall with an even number (for example: 2020). AP Literature and Composition will be offered during school years that start in the Fall with an odd number (for example: 2019).

Course Name: English IV

Course Number: ENG400

Grade: 12

Prerequisite: English III, AP English III, or Dual Credit Comp I/II

Credit: 1 (College Prep)

English IV is the final year of a required four-year study for the college-bound student. Instruction emphasizes an in-depth study of British literature, including studies in prose fiction, drama, and poetry. Students build on the writing skills they have learned in previous classes as they expand their understanding of composition through a variety of writing experiences. Grammar instruction leads students to mastery of the basic rules of language while guiding students to more effective use of language in both written and verbal communication. Each student must complete a senior research paper. This class requires one novel for summer reading.

Course Name: Honors English IV

Course Number: ENG430

Grade: 12

Prerequisite: English III, AP English III, or Dual Credit Comp I/II, Application Required

Selection Criteria: Standard selection criteria EBRW, US entry writing sample for students new to FWC

Credit: 1 (Honors)

Weighting: 10%

Course fee and textbook purchased required.

Honors English IV is a literature class in which seniors will study both modern and classic literature. Students in the class will help to design the curriculum, working as a group to choose some of the major works that will be studied. Works will include fiction, drama, and nonfiction. Along with reading, the class will focus on improving skills in written and oral expression. This class requires two novels for summer reading.

Math

Course Name: Algebra I

Course Number: MATH100

Grade: 9

Prerequisite: Math 8

Credit: 1 (College Prep)

Algebra 1 students build on earlier math experiences, deepening their understanding of relations and functions. Students will solve linear equations, graph on coordinate planes, write equations for lines, solve systems of equations, solve and graph simple and compound inequalities, add, subtract, and multiply polynomials, solve quadratic equations, simplify radical expressions, and make practical applications through the use of word problems, among other topics. It is extremely important for students to learn Algebra 1 standards well because students will be tested over these concepts in this class and all future math classes.

Course Name: Geometry

Course Number: MATH200

Grades: 9, 10, 11

Prerequisite: Algebra I

Credit: 1 (College Prep)

Students will survey fundamental concepts of plane and spherical geometry. The course will encompass three-dimensional geometry, coordinate geometry and transformational geometry. Heavy emphasis will be placed on the vocabulary of geometry as well as the theorems and postulates required for logical thinking and proof. Proficiency in Algebra I is necessary for execution of related problems. Real-world application will be used extensively to demonstrate God's presence and logical order.

Course Name: Honors Geometry

Course Number: MATH230

Grades: 9, 10, 11

Prerequisite: Algebra I, Application Required

Selection Criteria: Standard selection criteria Math

Credit: 1 (Honors)

Weighting: 10%

Students will survey fundamental and advanced concepts of plane and spherical geometry. It is understood that these students are on track to take AP or DC Calculus. Honors Geometry will encompass three-dimensional geometry, coordinate geometry and transformational geometry. Heavy emphasis will be placed on the vocabulary of geometry as well as the theorems and postulates required for logical thinking and proof. Proficiency in Algebra 1 is necessary for execution of related problems. Real-world application will be used extensively to demonstrate God's presence and logical order.

Course Name: Algebra II

Course Number: MATH300

Grades: 10, 11, 12

Prerequisite: Geometry or Honors Geometry

Credit: 1 (College Prep)

Algebra 2 is a course that reviews basic algebra and geometry. It expands upon the topics of Algebra 1 including rational expressions, radicals and exponents, quadratic equations, systems of equations, and applications.

Course Name: Honors Algebra II

Course Number: MATH330

Grades: 10, 11, 12

Prerequisite: Geometry or Honors Geometry, Application Required

Selection Criteria: Standard selection criteria Math

Credit: 1 (Honors)

Weighting: 10%

It expands upon the topics of Algebra I including rational expressions, radicals and exponents, quadratic equations, systems of equations, and applications. PAP Algebra II contains similar topics as Algebra 2 but with more depth, breadth, and sophistication. It is understood that these students are on track to take AP or Dual Credit Calculus.

Course Name: Dual Credit College Algebra

Course Number: MATH350

Grade: 12

Prerequisite: Algebra II, Application Required

Selection Criteria: Standardized test scores below the math benchmark for college readiness on the PSAT/NMSQT during their junior year and teacher recommendation

Credit: 1 (Dual Credit), 3 college credits at Texas Wesleyan University

Weighting: None

Course fee and textbook purchase required.

This course explores set theory, real and complex number systems, quadratic equations, quadratic formulas, equations involving radicals, inequalities, graphs of quadratic and rational functions, logarithmic functions, exponential functions, theory of equations, matrices and determinants, and mathematical induction. This course is designed for the student planning on a major other than business, engineering, general science, computer science or math education. Please check with your intended college destination to see if this course is included in your degree plan.

Course Name: Pre-Calculus

Course Number: MATH400

Grades: 11, 12

Prerequisite: Algebra II or Honors Algebra II

Credit: 1 (College Prep)

Weighting: None

Students will survey advanced concepts, probability, sequences, and limits. They will build a strong foundation and develop knowledge of trigonometric functions. Proficiency in algebra is expected in order to delve more deeply into families of graphs and their mathematical tendencies. Students will use technology applications to enhance their learning. It is understood that these students are on track to take Dual Credit Calculus.

Course Name: Honors Pre-Calculus

Course Number: MATH430

Grade: 11, 12

Prerequisite: Algebra II or Honors Algebra II, Application Required

Selection Criteria: Standard selection criteria Math

Credit: 1 (Honors)

Weighting: 10%

Students will survey advanced algebraic concepts, probability, sequences, and limits. They will build a strong foundation and knowledge of trigonometric functions and their graphs. Proficiency in algebra is expected in order to delve more deeply into families of graphs and their mathematical tendencies. Students will use technology applications to enhance their learning. Those who are successful in Honors Pre-Calculus will have the foundation needed for completing AP Calculus. Real-world application will remind students of God's constant care in a consistent and logically ordered universe.

Course Name: Dual Credit Calculus

Course Number: MATH550

Grades: 11, 12

Prerequisite: Pre-Calculus or Honors Pre-Calculus, Application required

Selection Criteria: Standard selection criteria Math

Credit: 1 (Honors, Dual Credit), 3 college credits at Texas Wesleyan University

Weighting: 10%

Course Fee and Textbook purchase Required

DC Calculus is the mathematical study of the relationships of change and motion. One-variable calculus includes topics from analytic geometry, derivatives and integrals of elementary functions (including trigonometric functions) and applications.

Course Name: Advanced Placement Calculus - AB/BC

Course Number: MATH575

Grade: 12

Prerequisite: Honors Pre-Calculus, Application Required

Selection Criteria: Standard selection criteria Math

Credit: 1 (AP), Possible College Credit Through Examination

Weighting: 15%

AP Test Fee and Textbook purchase Required

Calculus is the mathematical study of the relationships of change and motion.

One-variable calculus includes topics from analytic geometry, derivatives and integrals of elementary functions (including trigonometric functions) and applications. Methods of integration will be explored, as well as an in-depth study of sequences and series.

Students in this course will take the Advanced Placement exam in May and up to two semesters of college credit may be earned.

Course Name: Statistics

Course Number: MATH600

Grades: 12

Prerequisite: Algebra I, Geometry, Algebra II

Credit: 1 (College Prep)

The purpose of the course in statistics is to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students are exposed to four broad conceptual themes:

1. Exploring Data: Describing patterns and departures from patterns
2. Sampling and Experimentation: Planning and conducting a study
3. Anticipating Patterns: Exploring random phenomena using probability and simulation
4. Statistical Inference: Estimating population parameters and testing hypotheses

Science

Course Name: Biology

Course Number: SCI100

Grade: 9

Prerequisite: None

Credit: 1 (College Prep)

Students in Biology study a variety of topics that include the following: structures and functions of cells and viruses; growth and development of organisms; cells, tissues, and organs; nucleic acids and genetics; biological evolution; taxonomy; metabolism and energy transfers in living organisms; living systems; homeostasis; ecosystems; and plants and the environment. In Biology, students spend 40% of their time conducting field and laboratory investigations, use scientific methods during investigations, and make informed decisions using critical-thinking and scientific problem-solving. Students will be expected to complete several projects throughout the year.

Course Name: Honors Biology

Course Number: SCI130

Grade: 9

Prerequisite: Application Required

Selection Criteria: Standard selection criteria EBRW and Math

Credit: 1 (Honors)

Weighting: 10%

In Honors Biology, students spend 40% of class time conducting laboratory investigations, use scientific methods during investigations, and make informed decisions using critical - thinking and scientific problem-solving. Students in Biology study a variety of topics that include: structures and functions of cells and viruses; growth and development of organisms; cells, taxonomy; metabolism and energy transfers in living organisms; living systems; homeostasis; ecosystems; and plants and the environment. Honors Biology students will be expected to show commitment to honors curriculum and be motivated to utilize higher level thinking skills. The course will also include special projects and a more in-depth study of biological concepts.

Course Name: Advanced Placement Biology

Course Number: SCI675

Grade: 12

Prerequisite: Biology or Honors Biology, Application Required

Selection Criteria: Standard selection criteria EBRW and Math

Credit: 1 (AP), Possible College Credit Through Examination

Weighting: 15%

An AP test fee is required and textbook purchase.

AP Biology should include those topics regularly covered in a college biology course for majors or in the syllabus from a high-quality college program in introductory biology.

This college level biology course differs significantly from the usual first high school in biology with respect to the kind of textbook used, the range and depth of topics covered, the kind of laboratory work done by students, and the time and effort required of students. The textbooks used for AP Biology will be those also used by college biology majors. The kinds of labs done by AP students will be the equivalent of those done by college students. The AP Biology course is designed to be taken by students after the successful completion of a first course in high school biology and one in high school chemistry as well. It aims to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology.

Course Name: Chemistry

Course Number: SCI200

Grade: 10, 11

Prerequisite: Biology or Honors Biology, Algebra I

Credit: 1 (College Prep)

Chemistry is a study of matter and the changes it undergoes. Chemistry students will cover nomenclature, chemical reactions, stoichiometry, the behavior of gases, atomic history and structure, chemical bonding and acid-base theories with a mathematical emphasis. Laboratory experiences complement the subject matter and stimulate critical thinking and scientific problem solving.

Course Name: Honors Chemistry

Course Number: SCI230

Grade: 10, 11

Prerequisite: Biology or Honors Biology, Algebra I, Application Required

Selection Criteria: Standard selection criteria EBRW and Math

Credit: 1 (Honors)

Weighting: 10%

Honors Chemistry is a comprehensive study of chemistry, scientific method, lab safety, scientific measurements, properties of matter, atomic structure and its history, quantum numbers, periodic table characteristics and trends, chemical bonding, gas laws, nomenclature of compounds, molar ratios, chemical reactions, stoichiometry, aqueous mixtures and molarity, acid/base chemistry, reaction rates, electrochemistry and equilibrium reactions. In the course labs, students will use critical thinking to analyze and evaluate data from lab investigation.

Course Name: Advanced Placement Chemistry

Course Number: SCI575

Grades: 11, 12

Prerequisite: Biology or Honors Biology, Chemistry or Honors Chemistry, Algebra I, Application Required

Selection Criteria: Standard selection criteria EBRW and Math

Credit: 1 (AP), Possible College Credit Through Examination

Weighting: 15%

AP Test Fee and Textbook Purchase Required

AP Chemistry is based upon the College Board's curriculum and is the equivalent of the first year college Chemistry course. The second year chemistry class will utilize the first year chemistry course content as a foundation for discussion of these following complex topics: chemical kinetics, equilibrium, thermodynamics, electrochemistry and biochemistry. A minimum of one double-class per week will be devoted to hands-on college level laboratory investigations with classroom demonstrations supplementing laboratory theme topics. Three weeks prior to the AP Chemistry examination review sessions will be conducted.

Course Name: Environmental Science

Course Number: SCI700

Grades: 11, 12

Prerequisite: Biology or Honors Biology

Credit: 1 (College Prep)

Students will conduct field and laboratory investigations and learn to make informed decisions regarding today's environmental issues. Timely topics in the news are discussed weekly and students are expected to follow environmental issues around the world. Several field trips will be taken each semester to environmental conservation facilities in the area. Students will study a variety of topics including the human population and its sustainability, environmental pollution, biodiversity and issues faced by our society in a rapidly changing global environment. The class will focus on different kinds of ecosystems around the world and learn how they function and what our relationship is to each one.

Course Name: Honors Anatomy & Physiology

Course Number: SCI430

Grades: 11, 12

Prerequisite: Biology or Honors Biology, Chemistry or Honors Chemistry, application required

Selection Criteria: Standard selection criteria EBRW and Math

Credit: 1 (Honors)

Human anatomy and physiology will explore and discuss how the human body is organized and review necessary and functional processes common to all humans. This will be a comprehensive study of the structures and functions of the human body. Three essential concepts –the complementarity of structure and function, hierarchy of structural organization, and homeostasis-will unify and form the bedrock of the study of the human body. This course will include dissections and the study of organs and organ systems. Students will utilize critical thinking skills and scientific problem solving skills as they conduct laboratory investigations.

Course Name: Physics

Course Number: SCI300

Grades: 11, 12

Prerequisite: Chemistry or Honors Chemistry, completion or concurrent enrollment in Algebra II

Credit: 1 (College Prep)

Students will utilize scientific methods during lab and field investigations. They will use critical thinking skills in scientific problem solving. Areas of study will include laws of motion; changes within physical systems and conservation of energy and momentum, force, thermodynamics, characteristics of waves and quantum physics. This course provides the students with a mathematical framework, factual knowledge, along with analytical and scientific skills.

Course Name: Advanced Placement Physics 1

Course Number: SCI375

Grades: 11, 12

Prerequisite: Geometry, Biology, Chemistry, completion or concurrent enrollment in Algebra II, Application Required

Selection Criteria: Standard selection criteria EBRW and Math

Credit: 1 (AP), Possible College Credit Through Examination

Weighting: 15%

AP Test Fee and Textbook Purchase Required

AP Physics 1 is equivalent to the first-semester of a college course in algebra-based physics, typically taken by students who will be majoring in the life sciences, pre-med, some applied sciences, as well as other fields not directly related to science (e.g., business or management). The course covers Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. Students will take the Advanced Placement exam in May and one semester of college credit may be earned.

Course Name: Advanced Placement Physics 2

Course Number: SCI395

Grades: 12

Prerequisite: AP Physics 1, Biology, Chemistry, completion or concurrent enrollment in Pre-Calculus, Application Required

Selection Criteria: Standard selection criteria EBRW and Math

Credit: 1 (AP), Possible College Credit Through Examination

Weighting: 15%

AP Test Fee and Textbook Purchase Required

AP Physics 2 is equivalent to the second-semester of a college course in algebra-based physics, typically taken by students who will be majoring in the life sciences, pre-med, some applied sciences, as well as other fields not directly related to science (e.g., business or management). The course covers fluid mechanics, thermodynamics, electricity and magnetism, optics, and atomic and nuclear physics. Students will take the Advanced Placement exam in May and one semester of college credit may be earned.

Course Name: Advanced Placement Physics C

Course Number: SCI385

Grades: 12

Prerequisite: Physics or AP Physics 1, Biology, Chemistry, completion or concurrent enrollment in Calculus, Application Required.

Selection Criteria: Standard selection criteria EBRW and Math

Credit: 1 (AP), Possible College Credit Through Examination

Weighting: 15%

AP Test Fee and Textbook Purchase Required

AP Physics C is equivalent to a college course in calculus-based physics, typically taken by students who will be majoring in the physical sciences, math, or engineering. Introductory differential and integral calculus is used throughout the course. The course focuses on a more in-depth study of mechanics and electromagnetism, exploring topics such as kinematics; Newton's laws of motion; work, energy and power; systems of particles and linear momentum; circular motion and rotation; oscillations and gravitation; electrostatics; conductors, capacitors, and dielectrics; electric circuits; magnetic fields; and electromagnetism. Students will take the Advanced Placement exam in May and up to two semesters of college credit may be earned.

Course Name: Forensic Science

Course Number: SCI410

Grades: 11, 12

Prerequisite: Biology, Chemistry

Credit: 1 (College Prep)

This course is designed to challenge students with topics such as fingerprinting, DNA analysis, blood typing and spattering, trajectories (for ballistics as well as blood spattering) comparative anatomy, and chemical analysis of drugs, poisons, and trace evidence and the dynamics of Physics. Students will learn about the careers involved with Forensic Science and will play mock roles as experts in the field to solve crimes. They will learn teamwork in solving the mock crimes and have a chance to change their roles as the year progresses. The students will all be given the tools to interpret data and techniques involved for both chemical and biological analysis of evidence.

Course Name: Honors Medical Microbiology

Course Number: SCI425

Grades: 11, 12

Prerequisite: Biology, Chemistry, application required

Selection Criteria: Standard selection criteria EBRW and Math

Credit: 1 (Honors)

Weighting: 10%

Students enrolled in Honors Medical Microbiology will explore the microbial world, studying topics such as pathogenic and non-pathogenic microorganisms, laboratory procedures, proper aseptic technique, identifying microorganisms, drug resistant organisms and emerging diseases. Units include parasitology, bacteriology, virology, mycology, infectious disease and others.

Social Studies

Course Name: Cultural Geography

Course Number: HIST110

Grade: 9

Prerequisite: None

Credit: 1 (College Prep)

Course studies ancient world cultures and their interrelationships with geography. Content includes a review of the five themes of geography, human origins and distribution; a study of the history and culture of the ancient and classical world up to 1450, as well as a comparative look at the origins of the major religious systems.

Course Name: Honors Cultural Geography

Course Number: HIST130

Grade: 9

Prerequisite: application required

Selection Criteria: Standard selection criteria EBRW + US entry writing sample for students new to FWC High School

Credit: 1 (Honors)

Weighting: 10%

Course studies ancient world cultures and their interrelationships with geography to gain a global perspective on current world events with an emphasis on writing and AP skills as a foundation for future AP studies. Students will begin document analysis of primary source material, learning how to decode AP prompts, and work towards creating a DBQ essay. Content includes a review of the five themes of geography, a survey of both the ancient and classical world up to 1450, as well as a comparative look at the origins of the major religious systems.

Course Name: Modern World History

Course Number: HIST200

Grade: 10

Prerequisite: Cultural Geography or Honors Cultural Geography

Credit: 1 (College Prep)

This course provides students with the opportunity to explore important people, events and issues from 1450 to the present. Students analyze the process by which democratic governments formed as well as their impact on cultures and civilizations around the world. Students will evaluate political and economic imperialism and major revolutions. Students will examine the impact of religion and philosophy in the modern world. Students will trace and make connections between the developments made in science, technology, and industry as they use historical inquiry to research and interpret historical sources.

Course Name: Dual Credit World History

Course Number: HIST250

Grade: 10

Prerequisite: Honors Cultural Geography, Application Required

Selection Criteria: Standard selection criteria EBRW + US entry writing sample for students new to FWC

Credit: 1 High School (Dual Credit), 3 college credits at Colorado Christian University

Weighting: 10%

Course Fee and Textbook Purchase Required

The Dual Credit World History course is equivalent to a college survey course in Western Civilization and is taught with a college-level text and curriculum. The spiritual values and intellectual achievements of ancient Israel, Greece, Rome, the Middle Ages, the Renaissance, and the Reformation that gave birth to the modern world will be explored. Emphasis will be placed on the assessment of historical materials and their relevance to given interpretive problems. Students will analyze primary source documents, read independently, and develop higher-order thinking skills including the presentation of evidence in a variety of essay formats. Summer reading will be required for this academic program.

Dual Credit students receive both high school credit and three hours of college history credit (HIS 185 - Western Civilization) upon completion of this course with a passing grade.

Course Name: United States History

Course Number: HIST300

Grade: 11

Prerequisite: Modern World History

Credit: 1 (College Prep)

United States History is a study of the political, social and economic events in the United States up to the present. Emphasis will be placed on significant individuals, issues, ideas and events that affect our country's history, present and future. In addition, students will learn how geography influences historical developments, economic development and growth, understand the nation's social, cultural and political development as the United States emerged as a world power and the relationship of the United States to other nations of the world. Course activities will include note taking, projects, use of media, research, and exams over the various units of study.

Course Name: Dual Credit United States History

Course Number: HIST350

Grade: 11

Prerequisite: Modern World History, Application Required

Selection Criteria: Standard selection criteria EBRW + US entry writing sample for students new to FWC

Credit: 1 High School (Dual Credit), 6 college credits at Texas Wesleyan University

Weighting: 10%

Course Fee and Textbook Purchase Required

The Dual Credit United States History is equivalent to a college survey course in United States History and is taught with a college level text. It is a study of the political, social and economic events from the origins of Native Americans to the present. The purpose of this course is to develop, within each student, a greater understanding of the development of the United States through analytical skills and factual knowledge of the time period. Emphasis will be placed on assessment of historical materials and its relevance to given interpretive problems. Summer reading is required for this academic course. The curriculum follows that of Texas Wesleyan University's survey level United States History classes. Dual Credit students receive both high school credit and six hours of college history credit upon completion of this course with a passing grade.

Course Name: Advanced Placement United States History

Course Number: HIST375

Grade: 11

Prerequisite: Modern World History, Application Required

Selection Criteria: Standard selection criteria EBRW + US entry writing sample for students new to FWC

Credit: 1 High School (AP), Possible College Credit through Examination

Weighting: 15%

Test Fee and Textbook Purchase Required

Emphasis in this class is placed on interpreting documents, mastering a body of factual material, as well as thinking and writing critically. A few topics studied and discussed will include revolutionary ideology and constitutional development, Jeffersonian and Jacksonian democracy, nineteenth-century reform movements and Manifest Destiny, the Civil War and Reconstruction, immigration, industrialism, The Gilded Age, Progressivism, WWI and II, Roaring Twenties, the Great Depression, the New Deal, the Cold War as well as postwar and the twenty-first century. Assignments and discussions will be built around the themes of diversity and the development of an American identity, evolution of American culture, demographic changes, economic trends, environment issues, development of political institutions and components of citizenship, social reforms movements, the role of religion, history and impact of slavery and America's role in the global community. We will trace these themes while making critical connections and examining America. The curriculum is prescribed by the College Board for AP classes.

Course Name: US Government and Politics

Course Number: GOVT400

Grade: 12

Prerequisite: Standard, Dual Credit, or AP United States History

Credit: .5 (College Prep)

A general study of the federal, state, local governments and the American political system. Government institutions, political trends and the effect of the media will be studied in depth. A strong emphasis is placed on civic participation and responsibilities and Democratic beliefs as citizens. This course provides the opportunity to study the foundations of the government on its various levels: local, state and federal. In the process, major government documents will be examined: Declaration of Independence, Constitution in addition to various Supreme Court decisions.

Course Name: Dual Credit American Government and Politics

Course Number: GOVT450

Grade: 12

Prerequisite: College Prep, Dual Credit or AP US History, application required

Selection Criteria: Standard selection criteria EBRW + US entry writing sample for students new to FWC

Credit: .5 High School (Dual Credit), 3 college credits at Colorado Christian University

Weighting: 10%

Course Fee and Textbook Purchase Required

The Dual Credit American Government and Politics course is equivalent to an introductory college course in American Politics. Emphasis is placed on knowledge of important facts, concepts, and theories involving the United States government and politics, comprehension of political processes and patterns and their behavior and consequences, and analysis and interpretation of governmental and political data. Major areas of study include formulation and adoption of the Constitution, separation of powers, checks and balances, federalism, theories of democracy, beliefs of citizens, informing citizens, public opinion, political participation, public influence, political parties - functions, organization, and development, interest groups, function and impact of news media, formal and informal arrangements of power in government institutions, relationships between government institutions, policymaking, formulation of political agendas, implementation and interpretation of policy, development and judicial interpretation of civil rights and liberties, knowledge of rights and liberties, the impact of the fourteenth amendment on civil rights and liberties and several Supreme Court decisions. Summer reading will be required for this academic program.

Dual Credit students receive both high school credit and three hours of college history credit (POL 207 - Introduction to American Politics) upon completion of this course with a passing grade.

Course Name: Advanced Placement US Government

Course Number: GOVT475

Grade: 12

Prerequisite: College Prep, Dual Credit or AP US History, application required

Selection Criteria: Standard selection criteria EBRW + US entry writing sample for students new to FWC

Credit: .5 High School (AP), Possible College Credit through Examination

Weighting: 15%

AP Test Fee and Textbook Purchase Required

The AP Government and Politics is equivalent to an introductory college course in government. Emphasis is placed on knowledge of important facts, concepts and theories involving United States government and politics, comprehension of political processes and patterns in their behavior and consequences and analysis and interpretation of governmental and political data. Major areas of study include formulation and adoption of the Constitution, separation of powers, checks and balances, federalism, theories of democracy, beliefs of citizens, informing citizens, public opinion, political participation, public influence, political parties - functions, organization and development, interest groups, function and impact of news media, formal and informal arrangements of power in government institutions, relationships between government institutions, policy making, formulation of political agendas, implementation and interpretation of policy, development and judicial interpretation of civil rights and liberties, knowledge of rights and liberties, the impact of the fourteenth amendment on civil rights and liberties and several Supreme Court decisions. Summer reading will be required for this academic program. The curriculum is prescribed by the College Board for AP Classes.

Course Name: Principles of Economics

Course Number: ECON400

Grade: 12

Prerequisite: US Government and politics or AP US Government

Credit: .5 (College Prep)

This course will prepare students to master fundamental economic concepts, applying the tools (graphs, statistics, equations) from other subject areas to the understanding of operations and institutions of economic systems. Students will study the basic economic principles of micro and macroeconomics, international economics, comparative economics systems, measurement and methods.

Course Name: Dual Credit Macroeconomics

Course Number: ECON450

Grade: 12

Prerequisite: College Prep, Dual Credit or AP US History, Application Required

Selection Criteria: Standard selection criteria EBRW + US entry writing sample for students new to FWC

Credit: .5 High School (Dual Credit), 3 college credits at Colorado Christian University

Weighting: 10%

Course Fee and Textbook Purchase Required

The Dual Credit in Macroeconomics is designed to give students a thorough understanding of the principles that apply to a nation's economic system as a whole. Such a course places particular emphasis on the study of national income and price determination, and also develops familiarity with economic performance measures, economic growth, and international economics. This course is equivalent to an introductory college course in Macroeconomics.

Dual Credit students receive both high school credit and three hours of college history credit (ECO 215 - Economics) upon completion of this course with a passing grade.

Course Name: Advanced Placement Macroeconomics

Course Number: ECON475

Grade: 12

Prerequisite: Application Required

Selection Criteria: Standard selection criteria EBRW + US entry writing sample for students new to FWC

Credit: .5 High School (AP), Possible College Credit through Examination

Weighting: 15%

AP Test Fee and Textbook Purchase Required

An AP course in macroeconomics is designed to give students a thorough understanding of the principles that apply to a nation's economic system as a whole. Such a course places particular emphasis on the study of national income and price determination, and also develops familiarity with economic performance measures, economic growth, and international economics. The curriculum is prescribed by the College Board for AP Classes. AP students prepare to take the AP examination in May for possible college credit.

Modern and Classical Languages

Course Name: Latin I

Course Number: LAT100

Grades: All grades

Prerequisite: None

Credit: 1 (College Prep)

This course introduces the basic structure and vocabulary of the Latin language. Students begin to develop skills in reading, writing, speaking, and listening. Emphasis is placed on the development of basic vocabulary and English derivatives. Classical culture and history during the period of the kings will also be introduced.

Course Name: Latin II

Course Number: LAT200

Grades: All grades

Prerequisite: Latin I

Credit: 1 (College Prep)

This course builds on the skills acquired in Latin 1. Students review structure and vocabulary from the first courses extensively and continue to develop skills in reading, writing, speaking and listening as their knowledge increases. Roman history will be taught beginning with the Republic and ending with the fall of the Empire.

Course Name: Honors Latin III

Course Number: LAT330

Grades: 10, 11, 12

Prerequisite: Latin II, Application Required

Selection Criteria: Standard selection criteria **Grades Only**

Credit: 1 (Honors)

Weighting: 10%

This course builds on the skills acquired in Latin 1 and 2. Students will review structure and vocabulary from the first courses and will develop more advanced skills in reading, writing, speaking, and listening. An introduction to classical literature will be presented, emphasizing translation of this literature. Students will do four additional projects to receive pre-AP credit.

Course Name: Spanish I

Course Number: SPAN100

Grades: all grades

Prerequisite: None

Credit: 1 (College Prep)

This course is designed as an introduction to the basic structure and vocabulary of the Spanish language. Students begin to develop skills in speaking, listening, reading and writing. Emphasis is placed on the development of basic vocabulary and beginning linguistic practice. Students will be reading an on-level short novel. Culture will also be introduced.

Course Name: Spanish II

Course Number: SPAN200

Grades: All grades

Prerequisite: Spanish I

Credit: 1 (College Prep)

This course builds on the skills acquired in Spanish 1. Basic structure and vocabulary from the first level will be reviewed. Students will continue to develop skills in speaking, listening, reading and writing as their knowledge of the language increases. Students will perform oral presentations both individually and in groups, write paragraphs, and read a more advanced short novel. Linguistic practice is conducted in a cultural context in an effort to teach students to communicate real messages to a real audience for a real purpose.

Course Name: Honors Spanish III

Course Number: SPAN330

Grades: 10, 11, 12

Prerequisite: Spanish I, Spanish II, application required

Selection Criteria: Standard selection criteria **Grades Only**

Credit: 1 (Honors)

Weighting: 10%

Honors Spanish III builds on the skills acquired in Spanish I and II. The structure and vocabulary from the first two courses are reviewed at the beginning of the year. Students in Honors Spanish III will be expected to produce at a more advanced level of listening, speaking, reading and writing than the on-level Spanish III. All verb tenses, both indicative and subjunctive, are tools students will have to fulfill their tasks. Students will perform oral presentations both individually and in groups, write paragraphs and short essays on specific topics related to the chapter themes, and participate orally in class with higher expectations of correct pronunciation and amplified vocabulary. Students will learn about the diversity of cultures, focusing on specific celebration representative of those cultures.

Course Name: Dual Credit Spanish I & II (1st Year College)

Course Number: SPAN450

Grade: 11, 12

Prerequisite: Spanish II or III

Selection Criteria: Standard selection criteria **Grades Only**

Credit: 1 High School (Dual Credit), 6 college credits at Texas Wesleyan University

Weighting: 10%

Course Fee and Textbook Purchase Required

This course builds on the skills acquired in Spanish 1, 2, and 3. Structure and vocabulary from the first courses will be reviewed. Students are exposed to a broader spectrum of Hispanic literature and culture. Spanish is spoken extensively in the classroom and emphasis is placed on writing.

Course Name: Dual Credit Spanish III & IV (2nd Year College)

Course Number: SPAN460

Grades: 12

Prerequisite: DC Spanish I & II

Selection Criteria: Standard selection criteria **Grades Only**

Credit: 1 High School (Dual Credit), 6 college credits at Texas Wesleyan University

Weighting: 10%

Course Fee and Textbook Purchase Required

This course builds on the skills acquired in Dual Credit Spanish I and II (1st Year College). The structure and vocabulary from the first courses will be extensively reviewed. Students will develop more advanced skills in speaking, listening, reading and writing through the use of Spanish in the classroom. An emphasis will be placed on cultural awareness through the use of Hispanic literature and history.

Course Name: Advanced Placement Spanish - Language and Culture

Course Number: SPAN500

Grades: 12

Prerequisite: Honors Spanish 3

Selection Criteria: Standard selection criteria **Grades Only**

Credit: 1 High School (AP), Possible College Credit Through Examination

Weighting: 15%

The AP Spanish Language and Culture curriculum presents the three modes of communication as set by the Standards for Foreign Language Learning in the 21st Century: Interpersonal (two-way written conversations and interactions), Interpretive (interpretation of written, audio, and audiovisual materials), and Presentational (oral and written presentation of information, opinions, and ideas). Using material and sources authentic to the cultures being studied, these three modes are interwoven throughout the course as six major themes are explored: Families and Communities; Science and Technology, Beauty and Aesthetics, Contemporary Life, World Challenges, and Personal and Public Identities. Within each topic there is ongoing vocabulary building, review of structures and continued growth in proficiency. This class is presented in Spanish and is comparable to an advanced intermediate college-level course.

Course Name: American Sign Language I

Course Number: ASL100

Grades: All grades

Prerequisite: None

Credit: 1 (College Prep)

This course is designed as an introduction to the structure of American Sign Language. Instructional emphasis will be on sentence and word structure and establishing a basic beginning vocabulary.

Course Name: American Sign Language II

Course Number: ASL200

Grade: All grades

Prerequisite: ASL I

Credit: 1 (College Prep)

This course builds on the skills acquired in ASL 1. Basic structure and vocabulary from the first level will be reviewed. Students will continue to develop skills focusing on conversation. Vocabulary will be expanded and interactive language skills will be learned.

Course Name: American Sign Language III

Course Number: ASL300

Grades: 11, 12

Prerequisite: ASL II

Credit: 1 (College Prep)

Students will build on the skills learned in ASL I and II. Students will continue to develop skills as their knowledge of the language increases. Vocabulary will build to more specific purpose. Storytelling will be emphasized as a method of exploring the language more deeply. Colloquialisms and common phrasing will be learned. Intent of message is emphasized.

Course Name: American Sign Language IV

Course Number: ASL400

Grades: 12

Prerequisite: ASL III

Credit: 1 (College Prep)

Students will build on the skills learned in ASL I, II and III. Students will continue to develop skills as their knowledge of the language increases. Deaf culture is the focus of the first semester and interpreting is emphasized in the second semester. Vocabulary is developed per the student's knowledge base. Fluency is practiced with emphasis.

Fine Arts

Course Name: Art I

Course Number: ART100

Grade: All Grades

Prerequisite: none

Credit: 1 (College Prep)

Art 1 is designed to expose students to a variety of 2D and 3D mediums with an emphasis on the elements of art and principles of design. Students will explore a variety of mediums including, but not limited to drawing, pastel, painting, printmaking, ceramics, sculpture, glass fusion, and digitally generated art.

Course Name: Honors Art

Course Number: ART330

Grade: All Grades

Prerequisite: Art I

Selection Criteria: Standard selection criteria Grades + Portfolio Review

Credit: 1 (Honors)

Weighting: 10%

Honors Art is a course designed for the serious art student who wishes to further explore art elements, design principles, art mediums, and advanced techniques. The students will be creating approximately 12 pieces to represent the breadth portion of their AP portfolio. A variety of mediums may be explored including, but not limited to, ceramics, mosaic, paper mache, warm glass, polymer clay, graphite, colored pencil, pastel, watercolor, acrylic painting, and digitally-generated art.

Course Name: Honors Art 2

Course Number: ART430

Grade: All Grades

Prerequisite: Honors Art 1

Selection Criteria: Standard selection criteria Grades + Portfolio Review

Credit: 1 (Honors)

Weighting: 10%

Honors Art is a course designed for the serious art student who wishes to further explore art elements, design principles, art mediums, and advanced techniques. The students will be creating approximately 12 pieces to represent the breadth portion of their AP portfolio. A variety of mediums may be explored including, but not limited to, ceramics, mosaic, paper mache, warm glass, polymer clay, graphite, colored pencil, pastel, watercolor, acrylic painting, and digitally-generated art.

Course Name: AP Studio Art

Course Number: ART475

Grade: 10, 11, 12

Prerequisite: PAP Art

Selection Criteria: Standard selection criteria Grades + Portfolio Review

Weighting: 15%

Credit: 1 High School (AP), Possible College Credit by examination

AP Test Fee Required

AP Studio Art students are expected to perform at the college freshman level. Students must commit to a vigorous program in the creation of their portfolio. The 24-piece portfolio must demonstrate the exploration and investigation of all three critical aspects of an AP Drawing Portfolio – quality, breadth, and concentration, using the AP Studio Art poster for reference. The AP Studio Art Drawing Portfolio requires significantly more commitment and accomplishment. Work outside the classroom is necessary and expected (approx. 6-10 hours per week).

Course Name: Concert Band

Course Number: MUSB100

Grade: All Grades

Prerequisite: None

Credit: 1 (College Prep)

This class meets before school.

Concert Band incorporates a new, more in-depth level of difficulty in concert music. Band members participate in the FWC Cardinal Marching Band, ATSSB and TPSMEA All-State Auditions, and TAPPS Instrumental Contest as part of a large group ensemble. They may also participate in a solo or small ensemble and in music festivals statewide and nationwide.

Course Name: Jazz Band

Course Number: MUSB200

Grade: All Grades

Prerequisite: Audition Only

Credit: 1 (College Prep)

Jazz Band incorporates an in-depth study in the styles and techniques of jazz music with the use of guitars, basses, percussion, brass, and woodwinds. Band members participate in the FWC Jazz Band, ATSSB and TPSMEA All-State Auditions, and TAPPS Instrumental Contest as part of a large group ensemble. They may also participate in a solo or small ensemble and in music festivals throughout Texas and other states.

Course Name: Strings/Orchestra

Course Number: MUSS100

Grade: All Grades

Prerequisite: Experience Recommended/Acceptance by Instructor Approval

Credit: 1 (College Prep)

Students receive instruction on instrument technique, music theory, music literature and ear training through preparing for performances in an ensemble setting. Skills learned will culminate into several ensemble, solo and competition performances throughout the year. We will explore music from different time periods and styles for string and possibly full orchestra.

Course Name: Mixed Choir

Course Number: MUSC100

Grade: All Grades

Prerequisite: Audition (Director Approval)

Credit: 1 (College Prep) (Non-Calculating / E,S,N,U Grading)

The purpose of this class is to provide musical direction for the student gifted in vocal music. This is an entry level course and no previous choral experience is necessary. Students are prepared for performances and opportunities to use what they have mastered in this class. Some time is spent working on increasing the ability of the student to learn to sight-read. Both Classical and Modern music is reviewed and performed. An introduction to Music History is also presented.

Course Name: Worship Team

Course Number: MUSW100

Grade: Grades 10, 11, 12

Prerequisite: Audition

Credit: 1 (College Prep) (Non-Calculating / E,S,N,U Grading)

The FWC High School Worship Team is a performance group composed of several student vocalists and instrumentalists who have a passion to lead their peers in worship. It is a Music Elective in which the students are encouraged to use their gift of music to glorify and honor God. There are countless opportunities for spiritual enrichment and cooperative learning throughout the school year as each student learns to minister and serve their peers. The worship team leads praise and worship weekly on Wednesdays during the combined High School Chapel. This group is also given several opportunities during the school year to lead worship and perform at campus wide events. This class participates with the Mixed Choir as well, for competitions and other special events.

Course Name: Theater Appreciation & Performance Studies

Course Number: TART110

Grade: All Grades

Prerequisite: None

Credit: 1 (College Prep) (Non-Calculating / E,S,N,U Grading)

This course provides for the study and appreciation of the art, craft, and business of theatre. Students will learn about the arts of playwriting, directing, acting, stage design, and what it means to produce a play, as well as the purpose of a theatre critic. Upon completion, students should be able to demonstrate a vocabulary of theatre terms and recognize the important contributions to the art form over the centuries. This course has been approved to satisfy the fine arts credit needed for graduation. Students will be graded based on effort and participation rather than on specific technique. Students will be required to attend or participate in FWC Theatrical productions.

Course Name: Theatrical Design & Tech Support

Course Number: TART210

Grade: All Grades

Credit: 1 (College Prep) (Non-Calculating / E,S,N,U Grading)

This course is targeted toward students interested in audio visual technology, fashion design, make up, interior design and architecture. Emphasis is placed on designing technical aspects of lighting, sound, costumes and staging for all FWC theatre productions. Upon completion, students will be familiar with techniques and hands-on experience putting that knowledge into practice.

Course Name: The Art of Film

Course Number: FILM200

Grade: 11, 12

Credit: 1 (College Prep)

In "The Art of Film," students will consider the tools that filmmakers use to create their art. They will learn about the techniques used by filmmakers and analyze a variety of films in light of these techniques. During the class, students will watch and discuss films from various genres, time periods, and cultures. Students will produce several short films or scripts that highlight elements of particular genres of film. One of the requirements of this class is the production of a short film that will be submitted for competition in TAPPS academic meet. This class can be taken either as an on-level credit or an honors credit. Both levels will meet in the same class period. Application is required for honors credit.

Course Name: Honors The Art of Film

Selection Criteria: Standard selection criteria EBRW

Course Number: FILM230

Grade: 11, 12

Weighting: 10%

Credit: 1 (Honors)

In “The Art of Film,” students will consider the tools that filmmakers use to create their art. They will learn about the techniques used by filmmakers and analyze a variety of films in light of these techniques. During the class, students will watch and discuss films from various genres, time periods, and cultures. Students will produce several short films or scripts that highlight elements of particular genres of film. One of the requirements of this class is the production of a short film that will be submitted for competition in the TAPPS academic meet. This class can be taken either as an on-level credit or an honors credit. Both levels will meet in the same class period. Application is required for honors credit. This class is offered as an honors level and will be in the same class period with on level Art of Film students receiving adaptations for their additional weighted credit.

Course Name: Drill Team

Course Number: DTeam

Grade: All Grades

Prerequisite: Tryout

Credit: 1 (College Prep) (Non-Calculating / E,S,N,U Grading)

The FWC Cardinal Belles Drill Team is a performance and spirit group composed of girls selected by qualified judges. They work together as a team to create dances for audiences throughout the school and outside of school. The team supports school athletic groups such as football and basketball and performs at games but can also be found supporting other school functions. They are given opportunities to compete in area and state competitions. The Drill Team provides a sense of community and family, not only as dancers but also sisters in Christ. They use their gifts and talents to glorify God on and off the dance floor.

Technology

Course Name: Introduction to Engineering and Technology

Course Number: COMP100

Grade: All Grades

Prerequisite: None

Credit: 1 (College Prep)

Introduction to Technology and Engineering is a course that will expose the student to technology/engineering and its application in our society today. Discussions will surround the specific application of technology as a tool in various fields such as information technology and programming, material science and manufacturing, transportation and energy, and biomedical technology. Students will learn the basics of these topics through class discussion and lecture, and then will apply them through computer and STEM projects. This course is a truly interactive hands-on project based curriculum designed to stimulate interest in the fields of information technology, design, and engineering while leaving every student with a very strong foundation of knowledge that is fundamental to more advanced exploration and education.

Course Name: Advanced Placement Computer Science Principles

Course Number: COMP375B

Grade: 10, 11, 12

Credit: 1 High School (AP), Possible College Credit Through Examination

Weighting: 15%

This course provides an introduction to basic principles of computer science (CS), including programming in App Inventor, a graphical programming language for Android mobile devices. Students will learn CS principles by building socially useful mobile apps and reflecting on the impacts of their work.

Course Name: Multimedia

Course Number: COMP200

Grade: 10, 11, 12

Prerequisite: Application Required

Credit: 1 (College Prep)

This course will hone your technical and computer skills. We will be creating and producing school announcements, where you will have to participate in developing, filming and editing each week. Along with other assignments throughout the year, you will be able to use iMovie proficiently and create other professional videos and marketing presentations.

Course Name: Advanced Placement Computer Science

Course Number: COMP575

Grade: 10, 11, 12

Prerequisite: AP Computer Science Principles, Application Required

Selection Criteria: Standard selection criteria Math

Credit: 1 High School (AP), Possible College Credit Through Examination

Weighting: 15%

Ap Test Fee and Textbook purchase Required

AP Computer Science is a course that introduces the student to Object Oriented Programming. Students will become proficient in the Java programming language as well as software design. Students will also learn to analyze, debug, and extend code through the College Board Computer Science AP case study.

Course Name: Introduction to Engineering and Robotics I

Course Number: COMP300

Grade: 9, 10, 11, 12

Prerequisite: Application Required

Credit: 1 (College Prep)

Introduction to Engineering and Robotics I is an intro-level engineering course with an emphasis in the areas of software engineering, electrical engineering, and mechanical engineering. Students will also be introduced to marketing strategies, fund raising, and business presentations and proposals that take place in a business environment that allows for the development of many of the advances in engineering that we have today. Students will participate in several robotics competitions throughout the year, which will introduce them to these concepts in a hands-on environment and expose them to these many different areas of engineering.

Course Name: Engineering and Robotics II

Course Number: COMP530

Grade: 10, 11, 12

Prerequisite: Comp300

Credit: 1 (Honors)

Weighting: 10%

Engineering and Robotics II is a course that builds off course Introduction to Engineering and Robotics I. This course occurs at the same time as the first course but with students taking mentorship and leadership roles in the engineering, programming, marketing, and design areas. They will be involved in several robotics competitions throughout the year, as well as researching and developing their own product.

Course Name: Yearbook

Course Number: YRBK100

Grades: 11, 12

Prerequisite: Application Required

Credit: 1 (College Prep)

This course teaches students the use of Adobe InDesign and Adobe Photoshop. Members of the class work together to publish the Cardinal yearbook, which is distributed to the entire student body in May. The yearbook covers Pre-Kindergarten through 12th grade. Students are expected to work independently on their individual assignments, cooperate with other members of the class, and think creatively to design and produce the yearbook. The yearbook advisor will seek teacher recommendation for the yearbook staff applicants. This course satisfies the Technology credit.

Electives

Course Name: Christian Service Learning (Community Service Elective)

Course Number: SERV100

Grades: ALL GRADES

Prerequisite: None

Credit: 1 credit earned after student completes 100 hours of service (Non-Calculating beginning with class of 2024)

Students are encouraged to participate in Service Learning by obtaining 100 service hours during their four years in high school. Students who complete the 100 hours receive an elective credit. Colleges and universities consider this type of community service when making admission decisions. This elective is not part of the student's daily course schedule; all hours are scheduled by the student in their spare time.

Course Name: Introduction to Business

Course Number: BUS100

Grades: 10, 11, 12

Credit: 1 (College Prep)

An overview of the various disciplines in modern business, this course will give students interested in a career or degree in business a basic understanding of the principles and terminology of business. Some of the disciplines covered include Marketing, Finance, Accounting, Business Law, Human Resources, Information Systems and Technology, Entrepreneurship, Business Management, Economic Theory, Personal Financial Management and Insurance (Risk Management). Students will also be taught basic time value of money principles and spreadsheet applications related to business topics.

Course Name: Introduction to Sports Medicine

Course Number: HPE100SM

Grades: 10th-12th

Prerequisite: None

Credit: 1 (College Prep)

This course is designed for any student who may be interested in a future career in the medical field. This course provides the student with an opportunity for the study and application of the basic sports medicine concepts as well as an introduction to general medical terminology. Along with classroom instruction, certain components of this class will require all students to physically participate in labs involving injury treatment applications and low intensity exercise demonstrations.

Physical Education/Athletics

Course Name: Men's Athletics/Women's Athletics

Course Number: HPE100M/HPE100W

Grades: All Grades

Prerequisite: None

Credit: .5 credits per semester (College Prep) (Non-Calculating / E,S,N,U Grading)

These classes meet everyday during the school year and during the school day.

Students are either in-season or off-season depending on the sport(s) in which they participate. Though a student may participate in more than one sport, he/she is to

choose an initial sport in which to participate in during the Athletics period if it is

available. Students must stay in and participate in their chosen athletic area until that

season is completed before moving into another sport. **The following men's athletic**

teams will meet during the athletic period: cross-country, football, basketball, soccer, track, and baseball. The following women's athletic teams will meet

during the athletic period: cross-country, volleyball, basketball, soccer, track, and softball.

Athletes are required to have an annual physical examination in order to participate.

Course Name: Cheerleading

Course Number: CHEER

Grades: All Grades

Prerequisite: Must Tryout in front of judges, have positive teacher recommendation, and be selected to join the cheer squad.

Credit: .5 credits per semester (College Prep) (Non-Calculating / E,S,N,U Grading)

This class meets 4 days a week during the fall semester and approximately 3 days a

week during the spring. Most practices will be held before the school day, with the

exception of one afternoon practice a week. Cheerleaders will cheer at every home

football game and every away district and playoff game as well. If one chooses to

participate in another sport as well as cheer, he/she will have to speak with the cheer

coach to make certain it will work with the cheer schedule first. Cheerleaders will be in

this activity for the entire year as they will also cheer at many basketball games as well.

Course Name: Off-Campus Athletics

Course Number: HPE500

Grades: All Grades

Prerequisite: None

Credit: 1 (College Prep) (Non-Calculating / E,S,N,U Grading)

This course is designed for students to be able to earn physical education credits

through activities that typically do not take place on the campus of Fort Worth Christian

School. Students may choose sports in which to participate but must be able to

document attendance at all off-site practices and events to receive credit. Examples of

sports include the following **tennis, golf, swimming, diving, equestrian, archery,**

hockey, etc. In order to receive credit for these activities, a student must be under the direct supervision of an appropriately trained coach or supervisor and document the completion of a minimum of 60 clock hours per semester. Documentation must be submitted before the end of each reporting period in order to receive credit. See Athletic Director for specific details and information about this class.

Note: A student is eligible to earn up to 40 clock hours per semester by participating in the FWC Marching Band for Off-Campus Athletics. Additional clock hours outside of Marching Band (a different activity) will need to be submitted during the same semester in order to satisfy the 60 hour requirement and earn a full 1/2 credit for Off-Campus Athletics.

Course Name: Student Athletic Trainer

Course Number: HPE110SAT

Grades: All Grades

Prerequisite: See Below

Credit: 1 (College Prep) (Non-Calculating)

This course provides an opportunity for upper school students to earn ½ credit of PE per semester as required for graduation from Fort Worth Christian School. Student athletic trainers will work closely with the FWC Head Athletic Trainer and have the opportunity to learn basic hands-on skills for sports medicine.

Class meets in the athletic training room during the Athletic period Monday-Friday to receive daily assignments from the FWC Head Athletic Trainer. Daily & game assignments for student athletic trainers include, but not limited to: assistance with athlete treatments, taping applications, practice/game setup, hydration needs, medical record keeping, and office/equipment inventory. Some heavy lifting may be required to complete certain tasks. (water jugs & ice coolers).

Friday Night Varsity Football Games (August-December): Student athletic trainers will be required to assist FWC Head Athletic Trainer during all varsity football games home & away including playoffs. Once the varsity football season is over, students will meet during the Athletic period only.

Assistance during games for all other sports is optional, but encouraged. All students enrolled in this class must complete a yearly athletic physical with a physician prior to the first day of school. They also must attend a Student Athletic Trainer preseason orientation camp on campus just before the start of school. Students will be graded on attendance, their ability to follow FWC sports medicine policies and procedures, competency with first aid & CPR skills, and their overall effort with daily tasks.

Sample of Ethos Course Offerings

Course Name: AP PHYSICS C MECHANICS AND AP PHYSICS ELECTRICITY AND MAGNETISM (Science Credit)

Grades: 11, 12

Credit: 2 Semesters, 1 Credit

Prerequisite: Honors Chemistry and Honors Pre-calculus or Honors Analysis, and have taken, or be concurrently taking an AP Calculus class are prerequisites and approval of the instructor. A PSAT content test score in Math of 32, a PSAT content test score in Reading Comprehension of 32, and a PSAT content test score in Writing of 32 are required. To remain in the class for the second semester, a student must earn a minimum of B- (80%) for the first semester and/or have a satisfactory evaluation from the instructor.

algebra

AP Physics C is a fast-paced, rigorous, college-level course covering 2 semesters of a calculus-based physics class. First Semester is Mechanics, which provides instruction in each of the following content areas: kinematics; Newton's laws of motion; work, energy and power; systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation. Second Semester is Electricity and Magnetism, which provides instruction in each of the following content areas: electrostatics; conductors, capacitors and dielectrics; electric circuits; magnetic fields; and electromagnetism. There are two separate AP Exams at the end of the second semester. The first is over Mechanics and the second covers Electricity and Magnetism.

Course Name: AP STATISTICS (Math Credit)

Grades: 11, 12

Credit: 2 semesters, 1 credit

Prerequisite: Completion of Algebra 3/Trig, Honors Precalculus, or Algebra 2. Students should have a B average in their latest math course. A PSAT/SAT content test score in Math of at least 28.5, a PSAT/SAT content test score in Critical Reading of at least 27, and a PSAT/SAT content test score in Writing of at least 30 are recommended. A TI 83 or TI 84 calculator is required.

This course is designed to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data, planning a study, anticipating patterns, and statistical influence. All students who complete this course will take the AP Examination. Those who score well usually receive college credit, based on the AP policy of the student's chosen college.

Course Name: PSYCHOLOGY (Elective Credit)

Grades: 11, 12

Credit: 1 semester, 1/2 credit

This course is defined as a brief study of behavior and thought processes. The student will differentiate and discuss theories of personality, motivation, and psychological disorders. Leading figures in psychological research and therapy are examined. In addition, the student will recognize factors in a healthy self-image and social relationships with others. This course will rely on case studies, interactive modules, research papers, and projects to express content mastery.

Note: Ethos offers dual credit through Colorado Christian University. CCU issues a 3 hour credit of General Psychology (PSY 101) for this Ethos course.