

**The Woodlands  
Christian Academy**

# **COURSE GUIDE**

**HIGH SCHOOL**

twca.net

5800 Academy Way The Woodlands, TX 77384



# TABLE OF CONTENTS



THE WOODLANDS  
CHRISTIAN  
ACADEMY

<b>INTRODUCTION</b>	<b>1</b>
<b>PHILOSOPHY OF EDUCATION</b>	<b>2</b>
<b>GRADUATION REQUIREMENTS</b>	<b>3</b>
<b>GRADING</b>	<b>4</b>
<b>COURSE SELECTION</b>	<b>5</b>
<b>COURSE DESCRIPTIONS</b>	
Christian Development	7
College Readiness, Health, Speech	10
Creative Arts Electives	11
English	28
Foreign Language	32
History	36
Math	40
Physical Education	45
Science	46
<b>ONLINE CLASSES</b>	<b>54</b>



# INTRODUCTION

Founded in 1993, The Woodlands Christian Academy is an interdenominational Christian college preparatory day school governed by a self-perpetuating Governance Board. The school enrolls students in Pre-Kindergarten through 12th grade.

The Woodlands Christian Academy is accredited by Cognia, The Council on Educational Standards and Accountability (CESA), and The Association of Christian Schools International (ACSI).

## Mission Statement

The Woodlands Christian Academy is an independent, Christ-centered, college preparatory school that integrates learning with Biblical faith and spiritual growth and challenges students to reach their highest potential – intellectually, creatively, physically, and socially – for the glory of Jesus Christ.

## Vision Statement

The Woodlands Christian Academy aspires to be a preeminent Christian school, equipping servant leaders to impact their world and eternity for Jesus Christ.

## Warrior Way

Honors God.  
Fights for Truth.  
Leads by Example.  
Serves Others.  
Walks Humbly.

# PHILOSOPHY OF EDUCATION

Education in its truest form is meant to be a means to make humans free and to understand the grand picture of the world and life around them. Our Christian calling means knowing and loving God more fully so we may serve him and others more wholly.

A TWCA education is therefore meant to develop within each student a sense of wonder and awe of our Lord and His creation and to cultivate a love for their neighbors while simultaneously preparing them for a life of service as they go into the world and seek to make an impact for all of eternity.

At The Woodlands Christian Academy, education is meant to enable students to know the Lord and honor Him in word and deed. Beginning in pre-kindergarten and extending through graduation, students develop a deep love of truth, goodness, and beauty as revealed through the person of Jesus Christ, understanding all truth as God's truth.

Through a holistic approach to learning, students are engaged in the arts, humanities, and STEM education beginning in the lower school. As they develop an ability to grasp the foundational elements of learning through a lower school education, they are then stretched to develop critical thinking aptitudes and begin to master writing and speaking proficiency throughout middle school. In high school, students acquire knowledge and advance the rhetorical skills associated with deep reading, writing, and speaking across the curriculum.

Understanding that students develop in different ways academically, all are provided with an education that will enable them to develop their capabilities and talents in a manner that prepares them to successfully meet the demands of each subsequent level of education, preparing them to be lifelong learners.

The Woodlands Christian Academy is intentional about knowing the strengths and weaknesses of each individual student, building upon students' current knowledge and skills. Through a variety of programs and pedagogical approaches, faculty seek to prepare them not only for university and the world of work but, more importantly, to flourish as human beings throughout their lives by:

Upholding a thoroughly biblical worldview believing that all truth is God's truth.

Demonstrating God's design through His purposeful integration of learning, faith, and life.

Challenging students to love the Lord with all their heart, soul, mind, and strength.

Promoting a rigorous academic standard in the pursuit of knowledge and wisdom in every area.

Fostering an atmosphere that encourages critical thinking through innovative teaching techniques, in order to engage students in the discovery of truth and promoting a lifelong appreciation for learning.

# GRADUATION

## REQUIREMENTS

CHRISTIAN DEVELOPMENT	4
COLLEGE READINESS*	1.5
CREATIVE ARTS ELECTIVES	4
ENGLISH	4
FOREIGN LANGUAGE*	2
HEALTH*	0.5
HISTORY	4
MATH	4
PHYSICAL EDUCATION	3
SCIENCE	4
SPEECH*	0.5

**Total: 31.5**

### COLLEGE READINESS

Students to receive a passing grade and a 0.5 credit at the end of 9<sup>th</sup>, 10<sup>th</sup>, and 11<sup>th</sup> grade for SAT/ACT test preparation completed during English and Math classes.

### FOREIGN LANGUAGE

Students to complete two consecutive years of the same foreign language.

### HEALTH NOTE

Students to receive a passing grade and 0.5 credit at the end of 12<sup>th</sup> grade for curriculum content covered during Christian Development classes.

### SPEECH NOTE

Students to receive a passing grade and a 0.5 credit at the end of 12<sup>th</sup> grade for curriculum content covered during 4 years of high school.

### CLASS RANK

The Woodlands Christian Academy is a limited-ranking school and only reports class rank for the top 10% of eligible students in their class for 11<sup>th</sup> and 12<sup>th</sup> grades. Eligibility for rank includes full-time attendance for six consecutive semesters by the end of senior year. Transfer students' eligibility for rank includes enrollment in TWCA by the fall semester of 11<sup>th</sup> grade, having earned an SAT score that meets or exceeds 1360 or the ACT equivalent of a 30, and having attended an accredited U.S. public or private school prior to enrollment.

# GRADING

SCALE

DESIGNATIONS

GPA SYSTEM

## ACADEMIC SCALE

90-100	A
80-89	B
75-79	C
70-74	D
69 and below	Failing

## CITIZENSHIP CONDUCT SCALE

Excellent	E
Satisfactory	S
Needs Improvement	N
Unsatisfactory	U

### CP COLLEGE PREPARATORY:

College preparatory courses are designed to provide instruction at a high level that will equip students to enter university-level courses in their post-secondary education successfully. These courses emphasize critical thinking and effective communication to develop a strong work ethic, time management skills, and independent learning, ensuring students are well-prepared for the academic challenges of college and beyond.

### PAP and Honors PRE-ADVANCED PLACEMENT / Honors:

Pre-AP (Pre-Advanced Placement) courses are designed for students seeking a more challenging academic experience in preparation for Advanced Placement (AP) courses. With a focus on college readiness, these courses emphasize critical thinking, analysis, and problem-solving skills while providing a deeper exploration of subject matter than college preparatory courses. The curriculum is aligned with college and career readiness standards, and assessments mirror the format and rigor of AP exams. Pre-AP classes aim to develop essential skills such as analytical writing, effective communication, and research, preparing students for the challenges of advanced coursework.

### AP ADVANCED PLACEMENT

AP (Advanced Placement) courses are rigorous, college-level academic programs designed for students seeking to challenge themselves and demonstrate their readiness for higher education. They cover various subjects, including science, mathematics, humanities, and languages. AP courses allow students to delve deeply into specific areas of interest and acquire advanced knowledge and skills. Each AP course follows a standardized curriculum from College Board, culminating in a comprehensive exam that assesses students' understanding of the material. With successful performance on these exams, students may earn college credit. AP courses are widely recognized for fostering critical thinking, analytical skills, and a strong foundation for success in college and beyond.

Average	AP	PAP/Honors	CP
100	6.0	5.5	5.0
99	5.9	5.4	4.9
98	5.8	5.3	4.8
97	5.7	5.2	4.7
96	5.6	5.1	4.6
95	5.5	5.0	4.5
94	5.4	4.9	4.4
93	5.3	4.8	4.3
92	5.2	4.7	4.2
91	5.1	4.6	4.1
90	5.0	4.5	4.0
89	4.9	4.4	3.9
88	4.8	4.3	3.8
87	4.7	4.2	3.7
86	4.6	4.1	3.6
85	4.5	4.0	3.5

COMPLETE GPA SYSTEM AVAILABLE ON TWCA STUDENT & PARENT PORTAL



# COURSE SELECTION

CHOOSE WISELY

## PLANNING YOUR FUTURE

*Though being with your friends is desirable, don't let your social wishes take precedence over what's best for you academically. Your education should stretch you in ways in which you can find out what gifts God has given you and where He may be leading you to serve Him. Select classes that are right for you as the classes you complete create a transcript, a written record and reflection of your gifts and grit and help colleges determine admittance. We encourage you to challenge yourself while also growing your individual passions.*

## GRADUATION REQUIREMENTS

*You set many goals for yourself during your time in high school. One of these goals is to earn a high school degree from TWCA. When deciding on your courses, ensure you understand the requirements for graduation and select your courses accordingly.*

## SEEK ADVICE

*Talk to your teachers, academic advisor, and parent/guardian about your plans. Seeking advice from one of these trusted individuals may give you new ideas and things to consider.*

## RESEARCH

*For those confident in God's call for your career, we encourage you to research which colleges or universities offer your desired program of study. Learn what high school education requirements are needed.*

*For those seeking God's calling for a career, we encourage you to take advantage of the personality assessment, career surveys, and strength finders available through our Academic Advising Program and Christian Development courses.*

*Regardless of whether you know what you would like to study after high school, it is essential to look at the entrance requirements of the colleges you may be interested in attending and the degree plans for your areas of interest. Knowing this information will help you make your high school academic plan and select courses for the upcoming school year.*

## COURSE DESCRIPTIONS - PREREQUISITES - ADVANCED CLASSES

*PREREQUISITES: When choosing your courses, it is essential to thoroughly read through the course descriptions and understand the prerequisite requirements. A prerequisite includes both the proficient completion of the previous course content and the necessary grade requirements.*

*ADVANCED CLASSES: TWCA is an academically rigorous school; therefore, students and parents should make prayerful consideration before enrolling in advanced courses. Several factors should be considered, such as the student's performance in the preceding class, overall academic record, academic capacity, extra-curricular activities, family and church commitments, and the student's long-term goals. Advanced courses require more homework, research, and time for outside-class preparation. To succeed, students must exercise more analytical reading skills, study skills, and initiative. TWCA expects students to challenge themselves academically and have a healthy school/life balance.*

## COURSE REQUEST CHANGES vs SCHEDULE CHANGES

### Course Request Changes

*Changes to course requests may only be made during the open course selection period by completing the online Course Selection Form again. The Course Selection Form can be found on the FACTS Family Portal. Once the course selection period has closed, requests to change course selections will not be accepted.*

### Schedule Changes

*Schedule changes may only be requested during the Add/Drop Period by completing the Schedule Change Request Form, which can be found on the TWCA Student and Parent Portal.*

*Note that students will not be permitted to drop a full-year class.*

*Students must follow their current schedule until the change has been approved and a new schedule has been emailed to the student and parent.*

*It is essential to carefully think through your options and choose your courses wisely during the course selection process.*

1. REVIEW COURSE GUIDE
2. REVIEW GRADUATION REQUIREMENTS
3. REVIEW UNOFFICIAL TRANSCRIPT  
*Unofficial transcripts are emailed to both the student and the parent/guardian at the end of each semester. Review your transcript to ensure that your completed classes are accurately stated on this academic record.*
4. COMPLETE [COURSE SELECTION PLANNER AND CHECKLIST WITH PARENT/GUARDIAN](#).
5. SCHEDULE ACADEMIC ADVISING APPOINTMENT  
*A calendar invite will be sent to students at the start of the open course enrollment period inviting students to schedule a meeting time with their academic advisor.  
Students may not schedule an advising appointment during a quiz, test, or presentation day.  
Students must bring a copy of their [COURSE SELECTION PLANNER AND CHECKLIST](#) to the academic advising appointment. Failure to bring these documents will result in a rescheduling of your appointment.*
6. SUBMIT COURSE SELECTIONS ONLINE  
*During the open course enrollment timeframe, students will submit their course requests online via the TWCA Student and Parent Portal under FACTS Family Portal.*

### COURSE GUIDE

The course guide provides valuable information on graduation requirements, class offerings and descriptions, class prerequisites, and weighting.

### UNOFFICIAL TRANSCRIPT

Understanding what classes you have already completed will assist you in determining what classes you need to take. Unofficial transcripts are emailed to both students and parents at the end of each semester.

### COURSE SELECTION PLANNER

Use the Course Selection Planner during the open course enrollment period by listing the classes you have completed previously to assist you in determining what classes you need to take during the upcoming school year. Students must complete the planner and bring this document to their meeting with their academic advisor.

[COURSE SELECTION PLANNER & CHECKLIST LINK](#)

# CHRISTIAN DEVELOPMENT

The Woodlands Christian Academy High School is distinguished by its commitment to a comprehensive and rigorous education deeply rooted in the Christian faith. The curriculum is meticulously crafted, featuring an array of college-preparatory, honors, and advanced placement (AP) courses, with an intentional focus on academic excellence with a Biblical worldview. Our mission is to cultivate servant leaders who are eager to explore their gifts and passions to further develop their life-calling.



## Christian Development Credits Required: 4

*Students must take a Christian Development class for each year of high school*

9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
Bible Survey CP	Understanding the Faith CP	Understanding the Times CP	Understanding the Culture CP

### **Bible Survey CP**

Duration:	Full Year
Credits:	1.0
Grade:	9 <sup>th</sup>
Prerequisite:	None

This biblical survey course is intended to familiarize students with the Bible, one of the most valuable sources of our Christian faith. One semester will be devoted to going through each book of the Old Testament. The following semester, students will do the same with the New Testament. The course will be structured to provide exercises, discussions, and enrichment activities to give students a solid understanding of the Word. A strong emphasis in this course is helping students see the “big picture” perspective as they study how God has worked through His people to carry out His plan of salvation.

### **Understanding the Faith CP**

Duration:	Full Year
Credits:	1.0
Grade:	10 <sup>th</sup>
Prerequisite:	None

Students will build the foundation for understanding God through their Christian faith and knowledge of the Christian worldview. Students will learn to defend the Christian worldview, which is critical for those who want to share their faith with an unbelieving world. By the end of this course, students will have learned how to read the Bible, what the Bible says about God, what the Bible says about loving God and our neighbor, and many other imperative tenets of the Christian faith.

### **Understanding the Times CP**

Duration:	Full Year
Credits:	1.0
Grade:	11 <sup>th</sup>
Prerequisite:	None

Students will understand how the tenets of the Christian worldview compare with five major competing worldviews that drive today’s major global events. Throughout the course, students will learn about the competing worldviews with the intention of revealing how our Christian faith is the proper, biblical perspective through which God intended us to view the world. During this course, students will also gain an understanding of the Christian way of life and learning that enables virtue, servant-leadership, and citizenship in God’s kingdom within the context of the concept of life calling and the discovery of one’s God-given design as a basis for this calling. This emerging sense of calling can then be used to guide the student in taking actions of personal leadership that can lead to greater success in their educational experience and, at the same time, help them make a positive impact in their world.

## Understanding the Culture CP

Duration:	Full Year
Credits:	1.0
Grade:	12 <sup>th</sup>
Prerequisite:	None

This course will teach students how to apply a bold Christian witness to their relationships with loved ones, neighbors, and colleagues. Learning from Christian history, students will develop biblical ideas for conversing with others, addressing issues such as gender identity, abortion, technology, and poverty. This course will provide ways to develop an authentic, compassionate Christian worldview as an effective witness in today's increasingly hostile culture.

# COLLEGE READINESS, HEALTH, SPEECH

COLLEGE READINESS Credits Required: 1.5

HEALTH Credits Required 0.5

SPEECH Credits Required 0.5

9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
Earns 0.5 College Readiness	Earns 0.5 College Readiness	Earns 0.5 College Readiness	Earns 0.5 Health Earns 0.5 Speech

The Woodlands Christian Academy students obtain the required Health, Speech, and College Readiness credits through course content provided within various course disciplines offered between ninth and twelfth grades.

**Health and Speech** credits will be automatically posted on students' transcripts at the end of 12<sup>th</sup> grade.

**College Readiness** credits will be automatically posted on students' transcripts at the end of 9<sup>th</sup>, 10<sup>th</sup>, and 11<sup>th</sup> grades.

# CREATIVE ARTS

Credits Required: 4

## 9<sup>th</sup> and 10<sup>th</sup> Grade

### BUSINESS

Applied Personal Finance CP  
Entrepreneurship CP  
Principles of Business CP (10<sup>th</sup> grade)

### OTHER

Debate I CP  
Debate II CP (10<sup>th</sup> grade)  
Yearbook CP

### PERFORMING ARTS

Dance  
Dance Advanced CP  
Dance Beginning, Beginning Advanced CP  
Dance Intensive CP  
Warrior Dancers CP

### Music

Advanced Percussion CP  
Band/Drumline CP  
Chapel Worship CP  
Music Production CP  
Warrior Choir CP

### Theatre

Theatre I CP  
Theatre II CP  
Theatre Advanced CP  
Technical Theatre CP

### STEM

#### Computer Science

Apple Certified Macintosh Technician CP (10<sup>th</sup> grade)  
Computer Science (A) AP (10<sup>th</sup> grade)  
Computer Science Honors  
Computer Science Principles AP  
Fundamentals of Computer Science & Cybersecurity CP

#### Engineering

Principles of Applied Engineering CP  
Engineering Design & Problem Solving CP (10<sup>th</sup> grade)

### VISUAL ARTS

Advanced Photography (10<sup>th</sup> grade)  
Animation CP  
Art & Design PAP (10<sup>th</sup> grade)  
Broadcast Team CP  
Intro to Art 2D CP  
Intro to Art 3D CP  
Photography & Graphic Design CP  
Video Production CP

### Core classes that may be applied toward a Creative Arts credit

Anatomy & Physiology CP (10<sup>th</sup> grade)  
Anatomy & Physiology Honors (10<sup>th</sup> grade)  
Latin III PAP (10<sup>th</sup> grade)  
Principles of Health Science (10<sup>th</sup> grade)  
Spanish III PAP (10<sup>th</sup> grade)

**BUSINESS**

Applied Personal Finance CP  
 Entrepreneurship CP  
 Principles of Business CP

**OTHER**

Debate I CP  
 Debate II CP  
 Innovative-Based Research and Design  
 Psychology AP  
 Yearbook CP

**PERFORMING ARTS**

**Dance**  
 Dance Advanced CP  
 Dance Beginning, Beginning Advanced CP  
 Dance Intensive CP  
 Warrior Dancers CP

**Music**

Advanced Percussion CP  
 Band/Drumline CP  
 Chapel Worship CP  
 Music Production CP  
 Warrior Choir CP

**Theatre**

Theatre I CP  
 Theatre II CP  
 Theatre Advanced CP  
 Technical Theatre CP

**STEM**

Computer Science  
 Apple Certified Macintosh Technician CP  
 Computer Science (A) AP  
 Computer Science Independent Studies Honors  
 Computer Science Honors  
 Computer Science Principles AP  
 Fundamentals of Computer Science & Cybersecurity CP (11<sup>th</sup> grade)

**Engineering**

Engineering Applications CP  
 Engineering Design & Problem-Solving CP

**VISUAL ARTS**

Animation CP  
 Advanced Photography CP  
 Art & Design AP  
 Art & Design PAP  
 Broadcast Team CP  
 Intro to Art 2D CP  
 Intro to Art 3D CP  
 Photography & Graphic Design CP  
 Video Production CP

Core classes that may be applied toward a Creative Arts credit

Allied Health Sciences Honors (12 <sup>th</sup> grade)	Latin III PAP
Anatomy & Physiology CP	Latin IV AP
Anatomy & Physiology Honors	Physics AP
Biology AP	Principles of Health Science
Biotechnology & Principles of Bioengineering Honors	Spanish III PAP
Chemistry AP	Spanish Language & Culture AP
Environmental Science AP	Statistics CP
Financial Accounting CP	



## BUSINESS

### Applied Personal Finance CP

Duration:	Spring Semester
Credits:	0.5
Grade:	9 <sup>th</sup> , 10 <sup>th</sup> , 11 <sup>th</sup> , 12 <sup>th</sup>
Prerequisite:	None

Rooted in a biblical worldview, the Applied Personal Finance curriculum is a semester-long, principle-driven personal finance course teaching the following skills:

The implication of believing that God owns it all

The roles, responsibilities, and rewards of financial stewardship are defined by scripture.

Five Transcendent financial decision-making principles found in the Bible.

How money is intertwined with biblical teachings on contentment, generosity, self-control, provision, gratitude, freedom, etc.

A simple understanding of the four uses of money (live, give, debt, taxes, grow) and the biblical principles that inform each use.

Processes for personal application, including goal setting, decision making, and basic budgeting.

Practical financial literacy designed to help students to understand and apply these principles in real life.

### Entrepreneurship CP

Duration:	Fall Semester
Credits:	0.5
Grade:	9 <sup>th</sup> , 10 <sup>th</sup> , 11 <sup>th</sup> , 12 <sup>th</sup>
Prerequisite:	None

This course explores the general concepts of entrepreneurship, from the characteristics defining an entrepreneur to managing a company daily.

Topics include generating a business idea, branding, market research, product or service marketing, risk versus reward, providing quality customer service, and writing a business plan. The course will also offer a series of guest speakers who provide real-world insight into what it takes to be an entrepreneur.

### Principles of Business CP

Duration:	Full Year
Credits:	1.0
Grade:	10 <sup>th</sup> , 11 <sup>th</sup> , 12 <sup>th</sup>
Prerequisite:	None

This course is designed for students interested in or considering a future in a business-related field. Students will learn the skills necessary to succeed in business and the attitudes, characteristics, and techniques needed to excel in those fields. Topics presented will include organizational structure, company culture, management strategies, oral and written communication, and business operations and technologies (including Excel certification). Additionally, students will receive an overview of the responsibilities of different careers under the business umbrella, including but not limited to accounting, finance, marketing, entrepreneurship, and management.

## OTHER

### Debate I CP

Duration:	Full Year
Credits:	1.0
Grade:	9 <sup>th</sup> , 10 <sup>th</sup> , 11 <sup>th</sup> , 12 <sup>th</sup>
Prerequisite:	None

Lincoln-Douglas Debate is a one-on-one debate that was introduced to the National Forensics League in 1981 based loosely on the early debate of Abraham Lincoln and Stephen Douglas in 1858. Unlike policy debate, the Lincoln-Douglas Debate is based on values, with the burden of proof is shared equally by the Affirmative and the Negative team. The debate topics are abstract concepts, behavior standards, and competing visions of what kind of world we should strive to create. Students enrolled in Debate will write Affirmative and Negative cases and participate in class debates. Students will be offered the opportunity to compete in competitions: Marko Djuranovic, The Lincoln - Douglas Debate Handbook, Baylor Briefs, and The Forensic Files.

### Debate II CP

Duration:	Full Year
Credits:	1.0
Grade:	10 <sup>th</sup> , 11 <sup>th</sup> , 12 <sup>th</sup>
Prerequisite:	Debate I CP

Debate II is designed to cultivate advanced argumentation skills, wherein students participate in one-on-one debates that delve into complex philosophical and ethical issues. Building upon the foundational knowledge acquired in Debate 1, students refine their abilities to construct compelling cases, effectively refute opposing viewpoints, and deliver persuasive speeches. This course adheres to the structured format of the historical Lincoln-Douglas debates, allowing students to engage with abstract concepts, standards of behavior, and competing visions of the ideal society we aspire to create. Participants in this course will develop both Affirmative and Negative cases, actively engage in class debates, and interact with Stephen Covey's *The Seven Habits of Highly Effective People* to further enhance their debate skills. Moreover, students will have the opportunity to compete in various debate competitions, applying the knowledge and techniques they have cultivated throughout the class, thereby integrating theory with practice in a dynamic and competitive environment.

### Innovative-Based Research & Design

Duration:	Full Year
Credits:	1.0
Grade:	11 <sup>th</sup> , 12 <sup>th</sup>
Prerequisite:	None

This year-long course, open to all areas and disciplines of study, equips high school juniors and seniors to engage in meaningful research and innovative project design by integrating a Biblical worldview. Students will explore innovation processes, research methodologies, and ethical decision-making while examining how faith principles align with professional and academic standards. Through collaboration with external professional entities, students will develop practical solutions that serve the community and create external value. Biblical principles such as stewardship, integrity, and service will be incorporated to help students evaluate their work through an ethical and faith-based lens. This course encourages critical thinking about how faith intersects with research, design, and real-world problem-solving.

### Psychology AP

Duration:	Full Year
Credits:	1.0
Grade:	11 <sup>th</sup> , 12 <sup>th</sup>
Prerequisite:	None

The Psychology AP course introduces students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Included is a consideration of the psychological facts, principles, and phenomena associated with each major subfield within psychology. Students also learn about the ethics and methods psychologists use in their science and practice.

*Students are required to take the College Board AP Exam at the end of the academic year. An additional fee for this test will be billed to the student's account.*

### Yearbook CP

Duration:	Full Year
Credits:	1.0
Grade:	9 <sup>th</sup> , 10 <sup>th</sup> , 11 <sup>th</sup> , 12 <sup>th</sup>
Prerequisite:	Enrollment at TWCA for 1 Full Academic Year AND Application Approval

CP Yearbook students will develop valuable skills in photojournalism, copywriting, editing, and graphic design as they work as a team to produce a creative, innovative yearbook that records The Woodlands Christian Academy's school memories and events. Student staff members will gain useful, real-world practice in time management, teamwork, design principles, and experience in interviewing staff and other students and working with teachers to ensure full coverage of the student body. Students who show exceptional effort and commitment will be eligible to serve as editors for this student-driven publication. Students may take this class multiple times in High School.

## PERFORMING ARTS • DANCE

### Dance Advanced CP

*Creative Arts Elective or Physical Education Credit Option*

Duration:	Full Year
Credits:	1.0
Grade:	9 <sup>th</sup> , 10 <sup>th</sup> , 11 <sup>th</sup> , 12 <sup>th</sup>
Prerequisite:	Audition Approval

This course is the advanced dance class at TWCA. The class will focus on dance technique, injury prevention/conditioning, choreography, and performance in styles such as ballet, jazz, tap, contemporary, and musical theatre. Students will be able to develop a high degree of technical ability and expressive range. This course instills discipline, dedication, teamwork, creativity, and memorization skills. The class will have opportunities to perform at various events throughout the year, such as during Chapel, and perform at least two routines in the dance concert at the end of the year. Students may take this class multiple times in High School.

### Dance Beginning, Beginning Advanced CP

*Creative Arts Elective or Physical Education Credit Option*

Duration:	Full Year
Credits:	1.0
Grade:	9 <sup>th</sup> , 10 <sup>th</sup> , 11 <sup>th</sup> , 12 <sup>th</sup>
Prerequisite:	None

This class provides the foundation in dance technique, terminology, choreography, injury prevention/conditioning, and performance. Students explore various dance genres, including ballet, jazz, tap, hip-hop, and musical theatre. Students will develop their dance abilities, strength, and flexibility. This course instills discipline, dedication, teamwork, creativity, and memorization skills. This class is great for those who have never danced or have little experience and want to continue learning. Students will perform at least two routines at the dance concert at the end of the year.

Students may take this class multiple times in High School.

### Dance Intensive CP

*Creative Arts Elective or Physical Education Credit Option*

Duration:	Full Year
Credits:	1.0
Grade:	9 <sup>th</sup> , 10 <sup>th</sup> , 11 <sup>th</sup> , 12 <sup>th</sup>
Prerequisite:	Instructor Approval

This class focuses on Jazz, Tap, and Ballet techniques. Students will develop technical skills, increase strength and flexibility, work on injury prevention by conditioning, and work on their performance quality. This course instills discipline, dedication, creativity, and memorization skills. Dance Intensive Students will perform at least two routines for the dance concert at the end of the year.

Students may take this class multiple times in High School.

## Warrior Dancers CP

*Creative Arts Elective or Physical Education Credit Option*

Duration:	Full Year	The TWCA Dance Team will meet during school as a class. This class is for those who love to dance and show off their skills with performance! Students will do many different styles of dances (jazz, kick line, contemporary, etc.) and will focus on learning dances to perform at various events throughout the year. They will have the opportunity to dance at events, including pep rallies, athletic events, and Chapel. This course instills discipline, dedication, teamwork, creativity, and memorization skills. Students strive for the highest level of dance performance. The TWCA Dance Team will perform at least two dances in the Dance Concert at the end of the year. Students may take this class multiple times in High School.
Credits:	1.0	
Grade:	7 <sup>th</sup> thru 12 <sup>th</sup>	
Prerequisite:	Audition Approval	

## PERFORMING ARTS • MUSIC

### Advanced Percussion CP

Duration:	Full Year
Credits:	1.0
Grade:	7 <sup>th</sup> thru 12 <sup>th</sup>
Prerequisite:	Audition Approval AND Concurrent Enrollment in Band/Drumline

Advanced Percussion is the next step for students who want to take percussion learning and performance to the next level. There will be many more performance and recording opportunities. Students will learn four mallet marimbas, world percussion, and hand drums. Students will have opportunities to perform around campus and beyond.

Students may take this class multiple times in High School.

### Band & Drumline CP

Duration:	Full Year
Credits:	1.0
Grade:	7 <sup>th</sup> thru 12 <sup>th</sup>
Prerequisite:	None

Band and Drumline allows musically advanced students to be involved in a performance group. Students continue to improve their musicianship and playing technique on their chosen instrument.

Students perform music from various periods and styles, including pep band, concert band, jazz band, and movie music. This course instills discipline, teamwork, responsibility, and unity individually and corporately. Students strive for the highest level of musicianship and learn to perform effectively before an audience.

Students will be exposed to a broad range of musical styles, instrumentation, and ensembles, addressing specific needs inherent to percussion technique and musicianship. Students are taught percussion fundamentals, including hand technique, mallet technique, rhythm training, ear training, and music reading. The four primary areas of study are snare drum (both marching and concert), marimba, timpani, and ethnic/unique percussion. Students gain performance experience in multiple settings, such as solo, chamber, and large ensemble configurations. During the Fall Semester, the percussion class members form the band's battery component. During the Spring Semester, the class priority shifts to percussion ensemble and concert repertoire.

Students may take this class multiple times in High School.

### Chapel Worship CP

Duration:	Full Year
Credits:	1.0
Grade:	9 <sup>th</sup> , 10 <sup>th</sup> , 11 <sup>th</sup> , 12 <sup>th</sup>
Prerequisite:	Audition Approval

This is a collaborative course for students passionate about leading worship and creating a meaningful spiritual atmosphere during TWCA Chapel Worship services. This class equips students with the skills to lead worship with excellence, both musically and spiritually. Through the study of worship theology, scripture, and song lyrics, students will deepen their understanding of worship's purpose and power. They will also gain hands-on experience in planning services, crafting original compositions, and engaging a congregation through music and spoken word. Students may take this class multiple times in High School.

### Music Production CP

Duration:	Full Year
Credits:	1.0
Grade:	9 <sup>th</sup> , 10 <sup>th</sup> , 11 <sup>th</sup> , 12 <sup>th</sup>
Prerequisite:	None

Music production focuses on the piano to write original musical compositions using a variety of musical concepts and creativity. Students learn basic harmony rhythm. Each project will creatively express each student and their inner musician. Additionally, students learn the necessary skills for music analysis, which provides a greater depth of musical understanding. Finally, this class enables students to begin work in the areas of music production, sound engineering, and songwriting. Students may take this class multiple times in High School.

### Warrior Choir CP

Duration:	Full Year
Credits:	1.0
Grade:	9 <sup>th</sup> , 10 <sup>th</sup> , 11 <sup>th</sup> , 12 <sup>th</sup>
Prerequisite:	None

This class offers a progressive learning situation where students strive for the highest level of musicianship to perform effectively before an audience. Participants will explore group vocal techniques in various styles (contemporary choral, madrigal, sacred, pop/show choir, language), solo vocal technique, music theory, sight singing, audition techniques, and compete at regional and state-level competitions. Students may take this class multiple times in High School.

## PERFORMING ARTS • THEATRE

### Theatre I CP

Duration:	Fall Semester
Credits:	0.5
Grade:	9 <sup>th</sup> , 10 <sup>th</sup> , 11 <sup>th</sup> , 12 <sup>th</sup>
Prerequisite:	None

The foundation for high school theatre begins with Theatre I. Students will find an orientation to the theatre skills necessary to develop their creative talents. Each student will be given an opportunity to participate in creative theatre to secure a basic understanding and critical appreciation of theatre arts.

### Theatre II CP

Duration:	Spring Semester
Credits:	0.5
Grade:	9 <sup>th</sup> , 10 <sup>th</sup> , 11 <sup>th</sup> , 12 <sup>th</sup>
Prerequisite:	Theatre I OR Department Approval

The student who begins this course should have a basic understanding of the fundamentals of theater and plan to develop those skills in production. To assist the student in his or her growth, a variety of skill activities will be used. Among them will be duo scenes, elements of playwriting, improvisation, physical movement, and vocal technique. Students may take this class multiple times in High School.

### Theatre Advanced CP

Duration:	Full Year
Credits:	1.0
Grade:	9 <sup>th</sup> , 10 <sup>th</sup> , 11 <sup>th</sup> , 12 <sup>th</sup>
Prerequisite:	Theatre II OR Department Approval

Theatre Advanced is a theatre ensemble designed to develop the students' skills in the three areas of performing arts: drama, music, and dance. Students will be furnished with an opportunity to enrich their skills by participating in a variety of performances. This enables students to increase the depth of their creative talents. The class will include participation in dramatic competitions and theatre conferences. It will also include involvement in all musical theatre productions. Students may take this class multiple times in High School.

### Technical Theatre CP

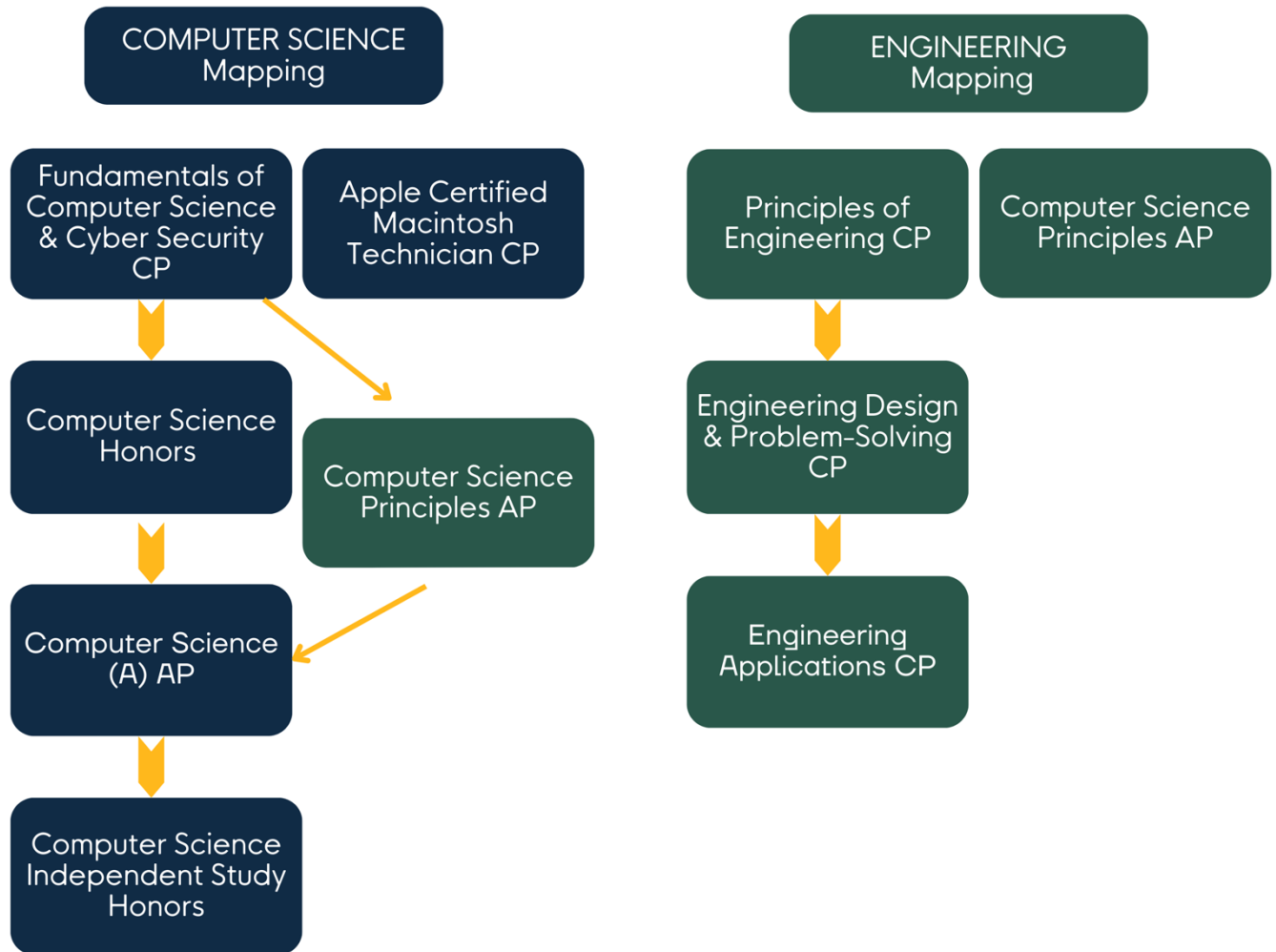
Duration:	Full Year
Credits:	1.0
Grade:	9 <sup>th</sup> , 10 <sup>th</sup> , 11 <sup>th</sup> , 12 <sup>th</sup>
Prerequisite:	Application Approval

This course explores theatre's backstage, covering lights, sound, and sets within a theatrical production. Students can work in one or more of these areas, focusing on safety guidelines and proper use of theatre machinery. The course includes training in theatrical painting techniques, scenic construction, lighting techniques, sound execution, costume building, and prop creation. It serves as an introductory exploration of the behind-the-scenes aspects of theatre, preparing students for involvement in main-stage and black box productions and other school shows and performances.

Students may take this class multiple times in High School.



# STEM • MAPPING



**Apple Certified Macintosh Technician CP**

Duration:	Full Year
Credits:	1.0
Grade:	10 <sup>th</sup> , 11 <sup>th</sup> , 12 <sup>th</sup>
Prerequisite:	Application Approval

Students will learn real-life skills as they repair Mac computers, assist teachers and students on campus with technical issues, and run the Help Desk at The Woodlands Christian Academy. This class counts as a technology credit and requires an interview to be considered. Only two students per class period are allowed, as this is a very hands-on course. At the end of the course, students will take the Apple Certified Macintosh Technician certificate test to become a certified Apple technician. Students may take this class multiple times in High School.

**Computer Science (A) AP**

Duration:	Full Year
Credits:	1.0
Grade:	10 <sup>th</sup> , 11 <sup>th</sup> , 12 <sup>th</sup>
Prerequisite:	Computer Science Honors: 85 or above OR Computer Science Principles AP: 80 or above

Computer Science (A) AP provides a college-level introduction to computer science, covering essential topics such as algorithm development, program design, data types, classes and objects, arrays, inheritance, polymorphism, and the ethical implications of computing. The course focuses on object-oriented problem-solving, critical thinking, and logic using Java programming. By the end of the course, students will be able to design, implement, debug, and analyze complex programs using standard Java library classes. *Students are required to take the College Board AP Exam at the end of the academic year. An additional fee for this test will be billed to the student's account.*

**Computer Science Honors**

Duration:	Full Year
Credits:	1.0
Grade:	9 <sup>th</sup> , 10 <sup>th</sup> , 11 <sup>th</sup> , 12 <sup>th</sup>
Prerequisite:	Fundamentals of Computer Science: 93 or above

Explore Java programming's foundational elements, emphasizing advanced placement strategies and setting the stage for the Computer Science (A) AP course. Key topics include data types, control structures, object-oriented programming concepts such as classes and methods, algorithms, and program design, enabling students to craft concise programs and algorithms for real-world problem-solving. By the end of the year, students will have developed computational thinking skills, teamwork abilities, and computer science knowledge to form a strong foundation for the Advanced Placement level. This course provides excellent preparation for the AP exam and further study in computer science, engineering, and related fields.

### Computer Science Independent Studies Honors

Duration:	Full Year	Computer Science Independent Studies Honors is equivalent to a second-semester, college-level course in Computer Science. The course expands on and masters the topics learned in Computer Sciences (A) AP. Topics include Java Abstract Data Types, Digital Forensics (college level), and additional programming languages required by the university or college of choice. Students will create coding projects to develop a portfolio showcasing their skills. This course is recommended for college students seeking a Computer Science, Cybersecurity, or Engineering degree.
Credits:	1.0	
Grade:	11 <sup>th</sup> , 12 <sup>th</sup>	
Prerequisite:	Computer Science (A) AP	
Exam:	3 or above OR Computer Science Principals: 93 or above	

### Computer Science Principles AP

Duration:	Full Year	Explore the expansive world of Computer Science in the year-long course Computer Science Principles AP. You continue your journey in Computer Science with a focus on creative problem-solving and real-world applications. Students will learn computational thinking and problem-solving methods and apply these methods to develop computational artifacts using languages such as Scratch, Python, or JavaScript. Topics covered include programming, algorithms, abstractions, data and information, the Internet, Cybersecurity concerns, and computing impacts. <i>Students are required to take the College Board AP Exam at the end of the academic year. An additional fee for this test will be billed to the student's account.</i>
Credits:	1.0	
Grade:	9 <sup>th</sup> , 10 <sup>th</sup> , 11 <sup>th</sup> , 12 <sup>th</sup>	
Prerequisite:	Fundamentals of Computer Science CP: 93 or above	

### Fundamentals of Computer Science & Cybersecurity CP

Duration:	Full Year	The year-long Fundamentals of Computer Science CP course serves as an introduction to the fundamental concepts and skills that underpin computer science. Through engaging and hands-on experiences, students delve into the dynamic realm of computing, gaining exposure to programming languages like Python, Java, and HTML. The course aims to cultivate problem-solving skills, logical thinking, and creativity. This course is structured to prepare students for more advanced courses such as Computer Science Pre AP or Computer Science Principles AP.
Credits:	1.0	
Grade:	9 <sup>th</sup> , 10 <sup>th</sup> , 11 <sup>th</sup>	
Prerequisite:	None	

**Engineering Applications CP***Creative Arts Elective or Science Credit Option*

Duration:	Full Year	In this class, students leverage STEM principles to address complex, real-world technological challenges. Through hands-on projects, they utilize advanced engineering software, prototyping, market research, and cost-benefit analysis to develop innovative solutions. Students will design, test, and refine their projects while creating comprehensive design, marketing, and business plans. A capstone project allows students to demonstrate their expertise in the engineering design process, preparing them for advanced studies or careers in engineering, technology, and related fields.
Credits:	1.0	
Grade:	11 <sup>th</sup> , 12 <sup>th</sup>	
Prerequisite:	Engineering Design & Problem-Solving	

**Engineering Design & Problem-Solving CP***Creative Arts Elective or Science Credit Option*

Duration:	Full Year	The Engineering Design and Problem-Solving course emphasizes a project-based learning methodology, enabling students to translate theoretical concepts into practical applications within real-world scenarios. Employing the engineering design process, students cultivate critical thinking, creativity, and advanced problem-solving skills through hands-on, project-based learning, fostering a heightened appreciation for the practical applications of engineering. The curriculum reinforces and integrates skills acquired in prior engineering, mathematics, and science courses. Upon completion, students will possess a comprehensive understanding of diverse engineering fields, empowering them to make informed decisions regarding future careers.
Credits:	1.0	
Grade:	10 <sup>th</sup> , 11 <sup>th</sup> , 12 <sup>th</sup>	
Prerequisite:	Principles of Applied Engineering	

**Principles of Applied Engineering CP***Creative Arts Elective or Science Credit Option*

Duration:	Full Year	The Principles of Applied Engineering course is a project-based, hands-on learning experience designed to offer a comprehensive overview of science, technology, engineering, and mathematics (STEM) and their interconnectedness. Students will enhance their problem-solving skills, teamwork abilities, and design techniques by applying the Engineering Design process to create tangible and virtual products and services for real-world challenges. Furthermore, the course aims to foster an appreciation for and insight into career opportunities in the field of engineering.
Credits:	1.0	
Grade:	9 <sup>th</sup> , 10 <sup>th</sup>	
Prerequisite:	None	

## VISUAL ART

### Advanced Photography CP

Duration:	Full Year
Credits:	1.0
Grade:	9 <sup>th</sup> , 10 <sup>th</sup> , 11 <sup>th</sup> , 12 <sup>th</sup>
Prerequisite:	Photography & Graphic Design OR Department Approval

This full-year course builds on the skills gained in Photography & Graphic Design. In this class, students learn advanced photographic skills, including composition, advanced lighting, and portfolio building. Students develop a portfolio style and personal photography trajectory based on interest, i.e., studio, black-and-white photography, landscape, etc. This course includes an expanded exploration of Adobe Photoshop and Lightroom software.

### Animation CP

Duration:	Semester
Credits:	0.5
Grade:	9 <sup>th</sup> , 10 <sup>th</sup> , 11 <sup>th</sup> , 12 <sup>th</sup>
Prerequisite:	None

In this class, students learn basic animation theory and mechanics, develop observational and drawing skills, and study the fundamental principles of character design, layout, and storyboarding. This course includes Adobe Animate and Character Animate software.

Students may take this class multiple times in High School.

### Art and Design AP

Duration:	Full Year
Credits:	1.0
Grade:	11 <sup>th</sup> , 12 <sup>th</sup>
Prerequisite:	Art & Design PAP: 85 or above

The AP Art and Design course framework is a college-level inquiry-based approach to learning about, designing, and making art. Students are expected to conduct an in-depth, sustained investigation of a concept, employing materials, processes, and ideas that visually communicate. The intention of this course is to help students become inquisitive, thoughtful artists and designers who can visually and verbally articulate a concept through practice, experimentation, revision, and research. Students can choose one of three portfolios to submit to College Board: Drawing, 2D Art, or 3D Art.

Drawing Portfolio focuses on drawing skills such as mark-making, line quality, surface space, light and shade, texture, and proportions. Possible processes may be graphite pencil, pen, ink, painting, and digital drawing.

2D Art Portfolio focuses on a whole composition and the application of the Principles of Design. Possible processes include graphic design, digital art, photography, collage, illustration, painting, and printmaking. 3D Art Portfolio focuses on the Elements and Principles of Design applied to 3-dimensional art. Possible processes include figurative and non-figurative sculpture, architecture, metalwork, ceramics, glasswork, installation, assemblage, textiles, and fashion design.

### Art & Design PAP

Duration:	Full Year
Credits:	1.0
Grade:	10 <sup>th</sup> , 11 <sup>th</sup> , 12 <sup>th</sup>
Prerequisite:	Intro to 2D Art: 93 or above AND Intro to 3D Art: 93 or above

This advanced-level studio art course offers students an in-depth opportunity to develop drawing, 2-dimensional, and 3-dimensional skills while exploring personal expression and creating art around a concept. Students will work with various media and techniques as they develop skills that will prepare them for Advance Placement: Art and Design and choose a portfolio to develop. Students will focus on developing their knowledge of classical drawing, the human form in motion, and animating human features, which will aid them in whichever portfolio they choose

### Broadcast Team CP

Duration:	Full Year
Credits:	1.0
Grade:	9 <sup>th</sup> , 10 <sup>th</sup> , 11 <sup>th</sup> , 12 <sup>th</sup>
Prerequisite:	Video Production

The Broadcasting class familiarizes students with the basic principles of a broadcast production. Students work with sensitive equipment in this course, so they must be responsible and trustworthy. In addition, students must be self-motivated, dependable, and able to work well as a team. Students are responsible for producing video stories, special interests, and documentary projects, including script writing, video recording, and video editing using Adobe Premier Pro. The team will produce the weekly video announcements. Students will gain an understanding of both pre-production, on-air, and postproduction roles and responsibilities of news broadcasting. Students will take the Adobe Certified Associate (ACA) exam in Premiere Pro at the end of the year. Students may take this class multiple times in High School.

### Introduction to 2D Art CP

Duration:	Fall Semester
Credits:	0.5
Grade:	9 <sup>th</sup> , 10 <sup>th</sup> , 11 <sup>th</sup> , 12 <sup>th</sup>
Prerequisite:	None

High school students will get an introduction to the fundamentals of drawing and painting. Students will expand their recognition of the Elements and Principles of design and apply these tools to create a good composition. Students will learn through practice about basic drawing strokes, shading and gradation, calculating distance, tonal contrast, how to enlarge an image, color blending, color theory and harmonies, creating a transparent look with opaque paint, and different painting styles such as realism, impressionism, and abstraction. Students will work on and improve their ability to interpret the forms and colors they see using creative imagination.

### Introduction to 3D Art CP

Duration:	Spring Semester
Credits:	0.5
Grade:	9 <sup>th</sup> , 10 <sup>th</sup> , 11 <sup>th</sup> , 12 <sup>th</sup>
Prerequisite:	None

High school students will get an introduction to the fundamentals of 3-dimensional art. Students will explore several forms of creating 3-dimensional sculptures, including additive sculptures (modeling, fabrication), subtractive (carving), and relief (printmaking) using traditional and non-traditional materials. Students develop an understanding of form, space, volume, texture, surface plane, balance, and proportions, and they explore ceramics, kinetics, outdoor and indoor installations, textiles, and working with found objects. Students will learn to develop their art through the design process of creative thinking, research, developing ideas, refining ideas, and then creating.

### Photography & Graphic Design CP

Duration:	Full Year
Credits:	1.0
Grade:	9 <sup>th</sup> , 10 <sup>th</sup> , 11 <sup>th</sup> , 12 <sup>th</sup>
Prerequisite:	None

This class introduces the principles of design, focusing on photography, graphics, animation, and illustration. Students use traditional methods and digital software, including Adobe Suite, to master digital art-based projects.

### Video Production CP

Duration:	Full Year
Credits:	1.0
Grade:	9 <sup>th</sup> , 10 <sup>th</sup> , 11 <sup>th</sup> , 12 <sup>th</sup>
Prerequisite:	None

This class will teach the basics of video production, such as sound, how to use a camera, editing, and video storytelling. Students who complete a year in this class will be eligible to apply for the Broadcast Team class the following year. Students will have the chance to enter the TAPPS short film contest.

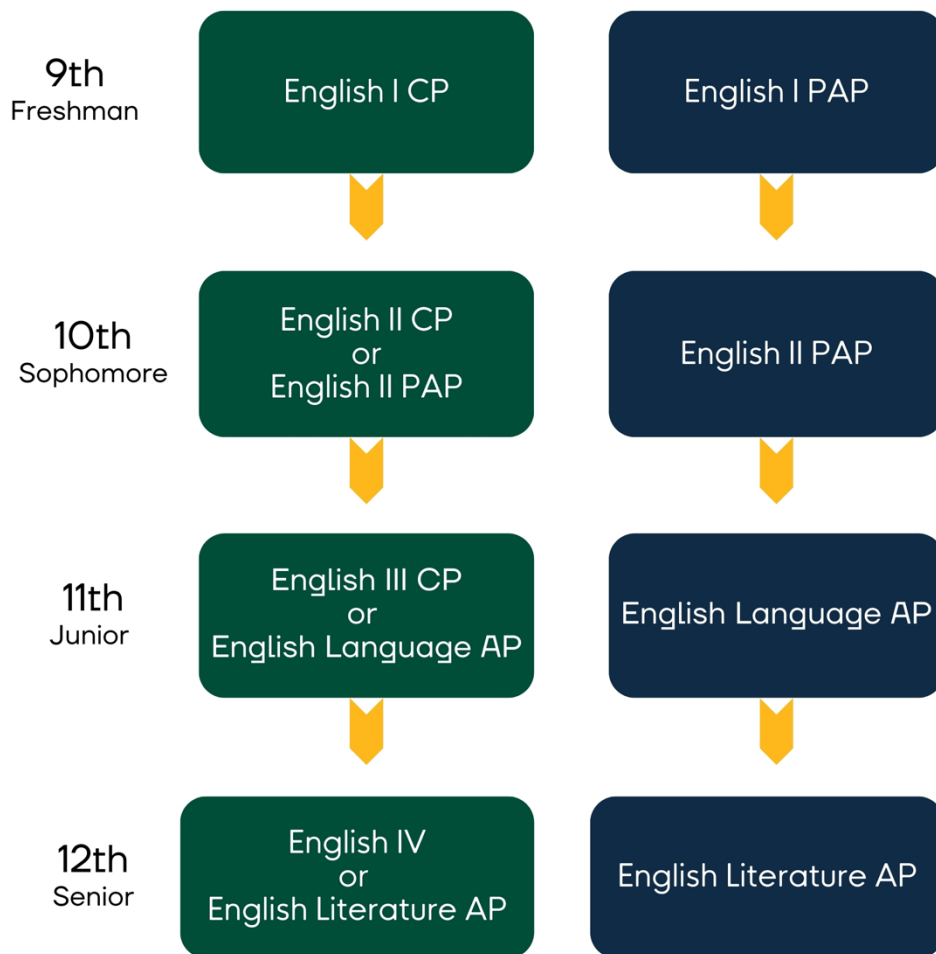
# ENGLISH

Credits Required: 4 (must take an English class for each year in high school)

Students must take an English class for each year of high school

9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
English I CP English I PAP	English II CP English II PAP	English III CP English Language & Composition AP	English IV CP English Literature & Composition AP

## MAPPING





### English I CP

Duration:	Full Year
Credits:	1.0
Grade:	9 <sup>th</sup>
Prerequisite:	None

English I CP is designed to establish the foundation for students' future high school literature classes. Students read a broad sampling of literary genres and classical works through a Christian Worldview. An intense vocabulary-building component prepares students for future writing, more advanced reading, and future standardized testing. Students meet the demands of grammar and usage while developing an understanding of how to write correctly and effectively for a variety of purposes.

### English I PAP

Duration:	Full Year
Credits:	1.0
Grade:	9 <sup>th</sup>
Prerequisite:	8 <sup>th</sup> Grade English: 93 or above

English I PAP is the first course in a sequence designed to prepare students for Advanced Placement English and college-level work. Texts take center stage in the English I PAP classroom, inspiring and preparing all students for close, critical reading and analytical writing. This course trains the reader to observe the small details in a text to arrive at a deeper understanding of the whole. It also trains the reader to appreciate authors' sometimes-subtle choices, developing an awareness of how words produce effects and how the English language conventions are used for both precision and style. As writers, students focus first on crafting complex sentences, building this foundational skill; they then move on to producing well-organized paragraphs and, as the year progresses, more sophisticated, longer-form analyses, sometimes under timed circumstances.

### English II CP

Duration:	Full Year
Credits:	1.0
Grade:	10 <sup>th</sup>
Prerequisite:	English I

English II CP is a challenging course that will allow students to learn and use strategies and skills to improve their writing and reading and, by extension, enhance their abilities in other subject areas. This course will require focus and effort in the classroom as well as homework to practice what they have learned in class. This course provides the appropriate amount of rigor by using higher-order thinking skills, concentrated training in writing, and relevant and engaging reading assignments. Students will read and analyze novels, non-fiction works, poetry, and drama in a skills-based format this year. Students will create projects, research using many sources, and write extensively. Through grammar and vocabulary study, students will sharpen their reading and writing skills.

### English II PAP

Duration:	Full Year
Credits:	1.0
Grade:	10 <sup>th</sup>
Prerequisite:	English I CP: 93 or above  OR English I PAP: 85 or above

English II PAP is the second course in a sequence designed to prepare students for Advanced Placement English and college-level work. English II PAP builds on the English I PAP course's foundation, emphasizing the recursive moves that matter in preparing students for the challenges of college-level reading, writing, and discussion. While English I PAP introduces the fundamental routines of close observation, critical analysis, and appreciation of the author's craft, English II PAP requires students to apply those same practices to a new host of nonfiction and literary texts. As readers, students develop a vigilant awareness of how the poet, playwright, novelist, and writer of nonfiction alike can masterfully manipulate language to serve their unique purposes. As writers, students compose more nuanced analytical essays without losing sight of the importance of well-crafted sentences and a sense of cohesion. Each unit of English II PAP culminates in a writing task, sometimes under timed circumstances, that reflects the rigor of similar tasks they will eventually encounter on standardized writing exams.

### English III CP

Duration:	Full Year
Credits:	1.0
Grade:	11 <sup>th</sup>
Prerequisite:	English II

In English III, CP is a survey of American literature, and students will focus on reading and writing in a variety of genres. Students learn to respond critically to texts using a range of forms, styles, and contexts and to promote skills of communication, reading, research, media literacy, and analysis. Through their study, learners develop an ability to read and analyze material, gaining further knowledge and understanding of English language features and issues. They also develop an ability to write clearly, accurately, creatively, and effectively for different purposes and audiences.

### English IV CP

Duration:	Full Year
Credits:	1.0
Grade:	12 <sup>th</sup>
Prerequisite:	English III

English IV CP is a survey course of British literature and informational texts. Students will read fiction, nonfiction, poetry, and drama in conjunction with British historical events, beginning with the Old English and Medieval periods and continuing into the Post-modern period. We will explore essential questions surrounding the relationship between literature and context, literature as a reflection and shaper of society, and the writer's relationship to tradition. English IV students are expected to produce coherent, analytical, and well-organized written and oral presentations using the writing process. In tandem with literary studies, students will continue to develop and use vocabulary and grammar skills in preparation for university.

## English Language & Composition AP

Duration	Full Year
Credits:	1.0
Grade:	11 <sup>th</sup>
Prerequisite:	English II CP: 93 or above  OR  English II PAP: 85 or above

English Language & Composition AP is an introductory college-level composition course. Students cultivate their understanding of writing and rhetorical arguments through reading, analyzing, and writing texts as they explore topics like rhetorical situations, claims and evidence, reasoning and organization, and style.

The English Language & Composition AP course cultivates the reading and writing skills that students need for college success and for intellectually responsible civic engagement. The course guides students in becoming curious, critical, and responsive readers of diverse texts and becoming flexible, reflective writers of texts addressed to diverse audiences for diverse purposes. The reading and writing students do in the course should deepen and expand their understanding of how written language functions rhetorically: to communicate writers' intentions and elicit readers' responses in particular situations.

*Students are required to take the College Board AP Exam at the end of the academic year. An additional fee for this test will be billed to the student's account.*

## English Literature & Composition AP

Duration	Full Year
Credits:	1.0
Grade:	12 <sup>th</sup>
Prerequisite:	English III CP: 93 or above  OR  English Language & Composition AP: 80 or above

English Literature & Composition AP is an introductory college-level literary analysis course. Students cultivate their understanding of literature through reading and analyzing texts as they explore concepts like character, setting, structure, perspective, figurative language, and literary analysis in the context of literary works.

The English Literature & Composition AP course focuses on reading, analyzing, and writing about imaginative literature (fiction, poetry, drama) from various periods. Students engage in close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, and symbolism. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works.

*Students are required to take the College Board AP Exam at the end of the academic year. An additional fee for this test will be billed to the student's account.*

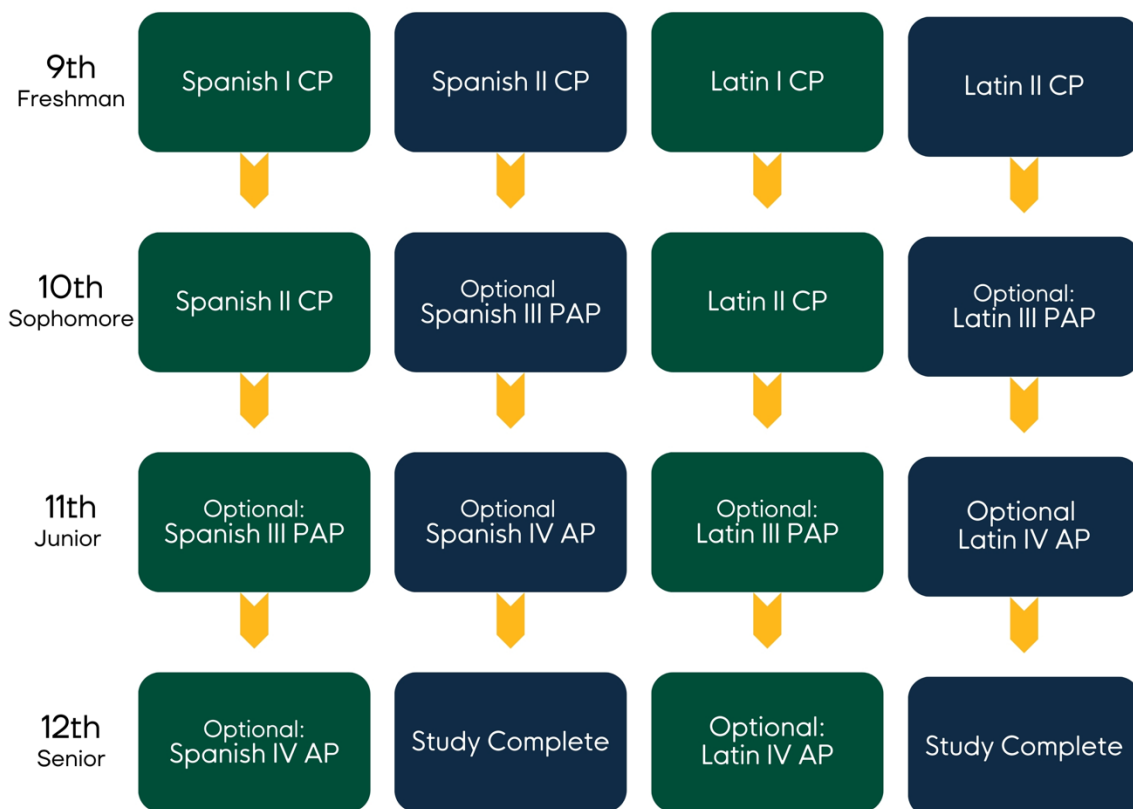
# FOREIGN LANGUAGE

Credits Required: 2

*Students must take two consecutive years of the same language*

9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
Latin I CP	Latin I CP	Latin I CP	Latin II CP
Latin II CP	Latin II CP	Latin II CP	Latin III PAP
Spanish I CP	Latin III PAP	Latin III PAP	Latin IV AP
Spanish II CP	Spanish I CP	Latin IV AP	Spanish II CP
	Spanish II CP	Spanish I CP	Spanish III PAP
	Spanish III PAP	Spanish II CP	Spanish Language & Culture AP
		Spanish III PAP	
		Spanish Language & Culture AP	

## MAPPING



### Latin I CP

Duration:	Full Year
Credits:	1.0
Grade:	9 <sup>th</sup> , 10 <sup>th</sup> , 11 <sup>th</sup>
Prerequisite:	None

Latin I CP introduces students to the world of the ancient Romans and their Latin language. Our curriculum, the Cambridge Latin Course, is a progressive reading approach that builds upon the student's knowledge and skills throughout each year of Latin and engages the 21st-century learner via the online textbook and other current resources. Students will immediately see that over 60% of our English language vocabulary comes from Latin, and many terms and phrases are still used today. As they master the basic building blocks of the Latin language through vocabulary and grammar, our students begin reading Latin texts, transporting them into a world that greatly influenced ours. This course also studies the rich culture of Rome and its history, religion, and contributions to the modern world. In addition, the study of Latin has been proven to boost standardized test scores and lend success to all areas of study, specifically to the analytical skills used in STEM. TWCA also has a chapter affiliation with the National Junior Classical League (Latin Club).

### Latin II CP

Duration:	Full Year
Credits:	1.0
Grade:	9 <sup>th</sup> , 10 <sup>th</sup> , 11 <sup>th</sup> , 12 <sup>th</sup>
Prerequisite:	Latin I CP

Moving forward with our Cambridge Latin Course curriculum, Latin II CP students will continue to build upon their understanding of the Latin language. Having mastered the more basic grammatical constructs and sentence structures of Latin I, the students will study more complex Latin grammar concepts and syntax in Latin II, enabling them to read and comprehend more formidable and literary Latin texts. Other topics will continue to be integrated, such as vocabulary building from Latin roots, classical literacy, and more specific studies of Roman culture, including maps, history, and religion.

### Latin III PAP

*Foreign Language or Creative Arts Elective Credit Option*

Duration:	Full Year
Credits:	1.0
Grade:	10 <sup>th</sup> , 11 <sup>th</sup> , 12 <sup>th</sup>
Prerequisite:	Latin II CP: 93 or above

Latin III PAP further threads previous Latin course objectives to a greater depth in all areas of classical Latin studies. It consolidates the mastery of grammar and sentence structures gained in Latin I and II and introduces higher-level grammar concepts such as subjunctive mood and passive voice. Latin III students will also be introduced to a survey of Roman authors and explore their specific interests, e.g., Roman architecture, engineering, or military history. This PAP course will prepare students to work at a higher level in any AP level course, whether continuing their study of Latin and Roman culture or any other subject.

## Latin IV AP

Foreign Language or Creative Arts Elective Credit Option

Duration:	Full Year
Credits:	1.0
Grade:	11 <sup>th</sup> , 12 <sup>th</sup>
Prerequisite:	Latin III PAP: 85 or above

The Latin IV AP course focuses on the in-depth study of selections from two of the greatest works in Latin literature: Vergil's Aeneid and Caesar's Gallic War. Following the College Board Latin AP syllabus and requirements, the course requires students to prepare and translate the readings and place these texts in a meaningful context, which helps develop critical, historical, and literary sensitivities. Throughout the course, students consider themes in the context of ancient literature and bring these works to life through classroom discussions, debates, and presentations. Additional English readings from both works help place the Latin readings in a significant context.

*Students are required to take the College Board AP Exam at the end of the academic year. An additional fee for this test will be billed to the student's account.*

## Spanish I CP

Duration:	Full Year
Credits:	1.0
Grade:	9 <sup>th</sup> , 10 <sup>th</sup> , 11 <sup>th</sup>
Prerequisite:	None

Spanish I CP is a course for true beginners in Spanish. This class introduces the fundamentals of Spanish grammar, vocabulary, and culture using all four language skills: reading, writing, understanding, and speaking. This course is communicative, emphasizing oral expression. Each student must master basic vocabulary and selected idiomatic expressions used in daily interactions. Additionally, students are introduced to the geography and culture of the Spanish-speaking world. They will read a Level 1 novel independently and will be able to discuss the sequence of events in Spanish. By the end of this course, students should be able to complete short written compositions and give brief oral presentations in the present tense. This course prepares students for Spanish II in the following year.

## Spanish II CP

Duration:	Full Year
Credits:	1.0
Grade:	9 <sup>th</sup> , 10 <sup>th</sup> , 11 <sup>th</sup> , 12 <sup>th</sup>
Prerequisite:	Spanish I

Spanish II CP is an intermediate-level course conducted mostly in Spanish. Upon completion of this course, the students will be able to conjugate and apply regular and irregular verbs in written form and conversation, including all the simple tenses, the present subjunctive mood, the imperatives (with and without pronouns), the present perfect, the pluperfect, the present perfect subjunctive, and the present progressive tenses. This course will also review, refine, and expand all the grammar normally taught in Spanish I and II courses. The students will also be able to comprehend and respond to level-appropriate material spoken in context at an average speed. In addition, the students will be able to sight-read authentic texts, discuss cultural topics, and write short written compositions that demonstrate control over both simple and complex structures with a novice-to-intermediate range of vocabulary. Students will also be introduced to the principal components of the life, geography, customs, and culture of modern Latin America and Spain. This course prepares students for Spanish III PAP in the following year.

### Spanish III PAP

*Foreign Language or Creative Arts Elective Credit Option*

Duration:	Full Year
Credits:	1.0
Grade:	10 <sup>th</sup> , 11 <sup>th</sup> , 12 <sup>th</sup>
Prerequisite:	Spanish II: 93 or above

This course primarily prepares students for the Spanish Language and Culture AP course and is conducted mostly in Spanish. This course will also review, refine, and expand all the grammar taught in Spanish I and II classes and introduce the subjunctive mood. It continues language acquisition in the four skills with increasing expectations in language production. Students will be able to conjugate and apply regular and irregular verbs in written form and conversation, including all the simple tenses and subjunctive moods (present and imperfect), all the perfect tenses (including pluperfect subjunctive), all the imperatives, and the present and imperfect progressive tenses. The students read, summarize, analyze, and discuss authentic selections of current events and other cultural topics to increase vocabulary and grammatical accuracy. They will also develop writing skills and continue reading literary texts. The course provides opportunities for the students to demonstrate intermediate proficiency in all areas of language study with an emphasis on the integration of language and culture.

### Spanish Language & Culture AP

*Foreign Language or Creative Arts Elective Credit Option*

Duration:	Full Year
Credits:	1.0
Grade:	11 <sup>th</sup> , 12 <sup>th</sup>
Prerequisite:	Spanish III PAP: 85 or above

The Spanish Language and Culture AP class is designed to prepare the students for the AP Spanish Language and Culture exam in May. This thorough exam assesses all areas of proficiency in the language: listening, speaking, reading, and writing in the 2nd and 3rd semesters of college Spanish. In addition to providing the necessary practice required to demonstrate proficiency in these areas, the course will include an in-depth review of all grammatical structures. A focus on refining and integrating all skills while addressing a wide variety of topics, from world challenges to aesthetics, will demand an extensive vocabulary acquisition. Materials include various media, e.g., journalistic and literary works, podcasts, interviews, video clips, charts, and graphs. This course is an immersion experience requiring exclusive use of Spanish, a requirement reflected in class participation grades.

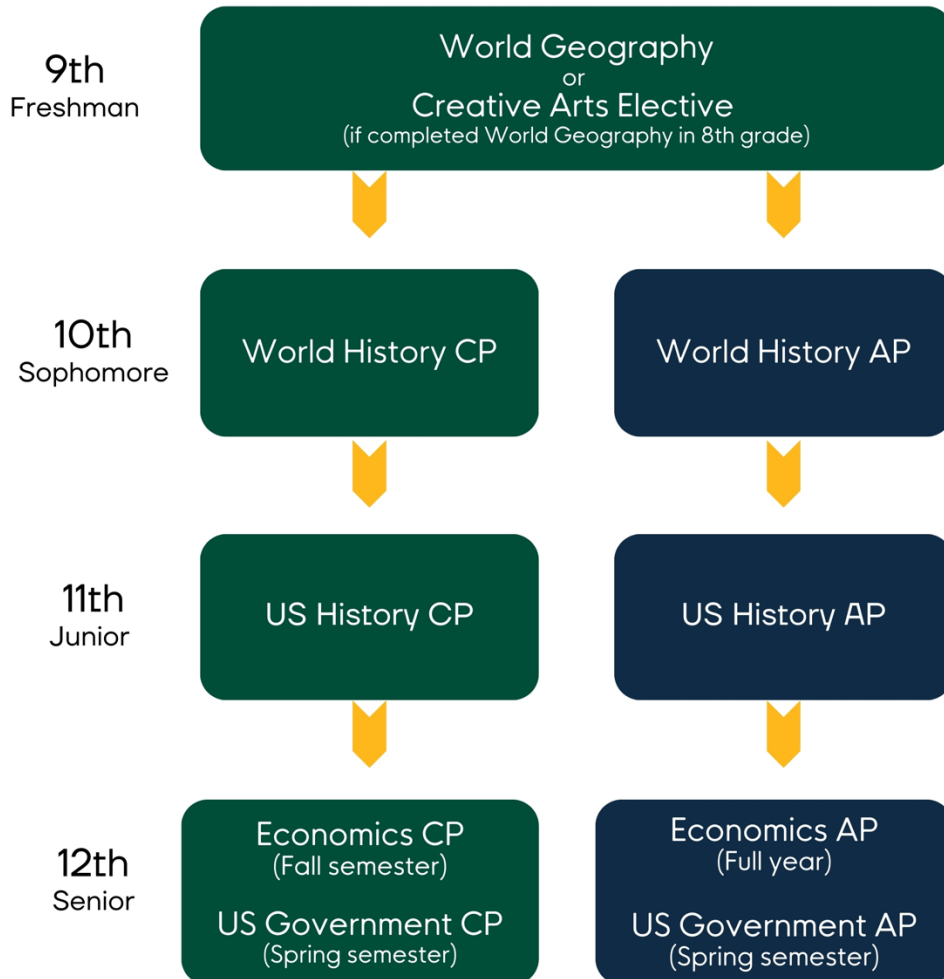
*Students are required to take the College Board AP Exam at the end of the academic year. An additional fee for this test will be billed to the student's account.*

# HISTORY

Credits Required: 4

9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
World Geography CP	World History CP World History AP	US History CP US History AP	Economics CP (Fall semester) Economics AP (Full Year) US Government CP (Spring semester)

## MAPPING





## Economics AP

Duration:	Full Year
Credits:	1.0
Grade:	11 <sup>th</sup> , 12 <sup>th</sup>
Prerequisite:	Any AP course completion: 80 or above

Economics AP is a college-level course that combines Microeconomics AP and Macroeconomics AP. The fall semester focuses on microeconomics and introduces students to the principles of economics that apply to the functions of individual economic decision-makers. This portion of the course also develops students' familiarity with the operation of product and factor markets, distributions of income, market failure, and the role of government in promoting greater efficiency and equity in the economy. The spring semester emphasizes the study of national income and price-level determination. It also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts. As this course is the equivalent of introductory college courses in microeconomics and macroeconomics, students will take two AP tests after this course.

*Students are required to take the College Board AP Exam at the end of the academic year for both Microeconomics AP and Macroeconomics AP. An additional fee for these tests will be billed to the student's account.*

## Economics CP

Duration:	Fall Semester
Credits:	0.5
Grade:	12 <sup>th</sup>
Prerequisite:	US Government

Economics CP introduces students to the basic principles of America's complex economic system: competition, supply and demand, property, monetary, fiscal policy, and free enterprise. It is designed to help students develop analytical thinking and reasoning skills necessary to become effective, responsible citizens and consumers. This course will show the American economy in action, cover government policies and their influence on the economy, expand students' horizons with coverage of international economics, and relate what students have learned to their lives. When feasible, other disciplines will be integrated into the curriculum so economics will not be viewed as an isolated subject.

## U.S. Government AP

Duration:	Spring Semester
Credits:	0.5
Grade:	12 <sup>th</sup>
Prerequisite:	US History CP: 93 or above OR US History AP: 80 or above

U.S. Government & Politics AP provides a college-level, nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students will study U.S. foundational documents, Supreme Court decisions, and other texts and visuals to understand the relationships and interactions among political institutions, processes, and behaviors. Underpinning the required content of the course are several big ideas that allow students to create meaningful connections among concepts throughout the course. Students will also develop skills that require reading and interpreting data, making comparisons and applications, and developing evidence-based arguments.

*Students are required to take the College Board AP Exam at the end of the academic year. An additional fee for this test will be billed to the student's account.*

## U.S. Government CP

Duration:	Spring Semester
Credits:	0.5
Grade:	12 <sup>th</sup>
Prerequisite:	Economics

U.S. Government CP will help students understand concepts related to the government's biblical and secular nature, the Executive Branch, the Legislative Branch, and the Judicial Branch. Students will also learn about political parties, special interest groups, federalism, the media, and polling. As students understand their rights, responsibilities, and duties, they will become citizens actively involved in the political process. Students will be able to explain our governmental heritage, starting with the Magna Carta through the US Constitution. Lastly, they will be able to articulate our civil liberties and civil rights as Americans. Other disciplines will be integrated into government so that students will have a complete understanding of the role of government in our lives.

## U.S. History AP

Duration:	Full Year
Credits:	1.0
Grade:	11 <sup>th</sup>
Prerequisite:	World History CP: 93 or above OR World History AP: 80 or above

The U.S. History AP course focuses on the development of historical thinking skills, chronological reasoning, comparing and contextualizing, crafting historical arguments using historical evidence, interpreting and synthesizing historical narrative, and the development of students' abilities to think conceptually about U.S. history from approximately 1491 to the present. Seven themes of equal importance: American and National Identity; Migration and Settlement; Politics and Power; Work, Exchange, and Technology; America in the World; Geography and the Environment; and Culture and Society provide areas of historical inquiry for investigation throughout the course. These require students to reason historically about continuity and change over time and compare various historical developments in different times and places. The course also allows teachers flexibility across nine different periods of U.S. history to teach topics of their choice in depth.

*Students are required to take the College Board AP Exam at the end of the academic year. An additional fee for this test will be billed to the student's account.*

## U.S. History CP

Duration:	Full Year
Credits:	1.0
Grade:	11 <sup>th</sup>
Prerequisite:	World History

U.S. History CP focuses on the major events, peoples, and cultures that have shaped the development of the United States to the present. It provides a strong background in historical facts while incorporating the sweeping themes of history that continue to shape our world. God's influence on the development of the country is studied as well.

## World Geography CP

Duration:	Full Year
Credits:	1.0
Grade:	8 <sup>th</sup> , 9 <sup>th</sup>
Prerequisite:	None

World Geography CP introduces students to the essential elements of geography, the locations of current nations, and the landmasses and bodies of water that impact the culture and economy of various regions. The combination of physical and cultural geography studies assists students in developing a heightened awareness of the similarities and differences among God's people.

## World History AP

Duration:	Full Year
Credits:	1.0
Grade:	10 <sup>th</sup>
Prerequisite:	English I CP: 93 or above OR English I PAP: 85 or above

In World History AP, students investigate significant events, individuals, developments, and processes from 1200 to the present. Students develop and use the same skills, practices, and methods employed by historians by analyzing primary and secondary sources, developing historical arguments, making historical connections, and utilizing reasoning about comparison, causation, continuity, and change over time. This course provides six themes that students explore throughout the course to make connections among historical developments in different times and places: humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation.

*Students are required to take the College Board AP Exam at the end of the academic year. An additional fee for this test will be billed to the student's account.*

## World History CP

Duration:	Full Year
Credits:	1.0
Grade:	10 <sup>th</sup>
Prerequisite:	World Geography

World History CP covers a survey of Ancient Civilizations, the Renaissance Era to the present, emphasizing the great people, ideas and events leading to the development of the modern world. Political, economic, religious, social, intellectual, and artistic trends are surveyed. In this course, students will analyze the great global civilizations and compare them to our own through the lens of our Christian beliefs.

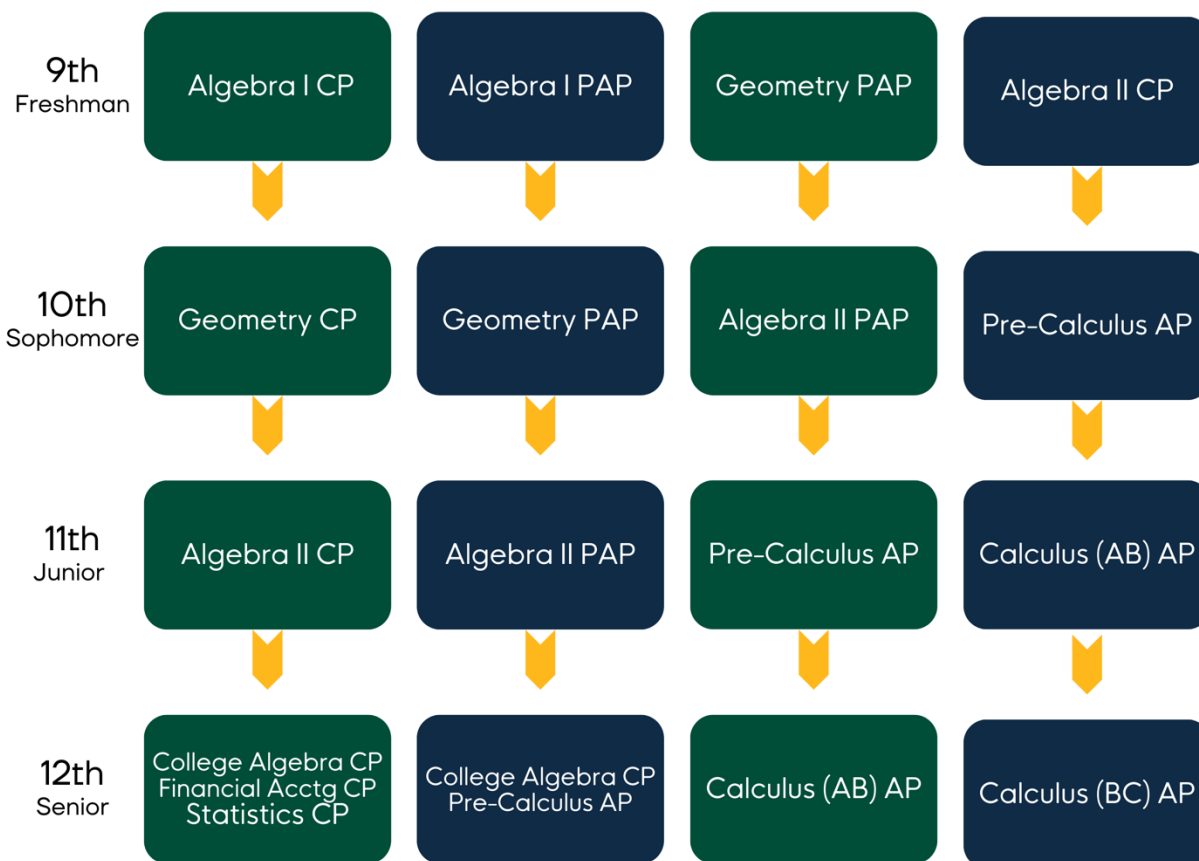
# MATH

Credits Required: 4

*Students must take a Math class for each year of high school*

9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
Algebra I CP	Algebra II CP	Algebra II CP	College Algebra CP
Algebra I PAP	Algebra II PAP	Algebra II PAP	Pre-Calculus AP
Algebra II CP	Geometry CP	College Algebra CP	Calculus (AB) AP
Algebra II PAP	Geometry PAP	Pre-Calculus AP	Calculus (BC) AP
Geometry CP	College Algebra CP	Calculus (AB) AP	Financial Accounting
Geometry PAP	Pre-Calculus AP	Financial Accounting	Statistics CP
		Statistics CP	

## MAPPING



### Algebra I CP

Duration:	Full Year
Credits:	1.0
Grade:	9 <sup>th</sup>
Prerequisite:	8 <sup>th</sup> Pre-Algebra

Algebra I CP is the foundational course for all high school math classes. The central theme of a first-year algebra course is the variable expression. Students will see a variable in all the familiar positions (being added, subtracted, multiplied, and even as a divisor) but will not yet see it as an exponent. From the manipulation of variable expressions, we then move to solving variable equations and graphing functions, primarily of the linear type. Students are also introduced to the second-degree or quadratic equation and its solutions. This begins their formal study of polynomial equations and functions, which they will continue to study in the second-year algebra course.

### Algebra I PAP

Duration:	Full Year
Credits:	1.0
Grade:	9 <sup>th</sup>
Prerequisite:	8 <sup>th</sup> Pre-Algebra: 93 or above

Pre-AP Algebra I is designed to deepen students' understanding of linear relationships by emphasizing patterns of change, multiple representations of functions and equations, modeling real-world scenarios with functions, and methods for finding and representing solutions to equations and inequalities. These ideas provide a powerful set of conceptual tools that students can use to make sense of their world through mathematics.

### Algebra II CP

Duration:	Full Year
Credits:	1.0
Grade:	9 <sup>th</sup> , 10 <sup>th</sup> , 11 <sup>th</sup>
Prerequisite:	Geometry

The theme of the variable expression in first-year algebra gives way to a new primary theme of the function in second-year algebra. Functional analysis is emphasized, including graphing, evaluating, and algebraic combinations including composition. The polynomial functions of second-degree or higher are of primary importance, but the transcendental functions—exponential, log, and trigonometric are also introduced. Other topics, such as using matrices and topics from finite mathematics, round out the course.

### Algebra II PAP

Duration:	Full Year
Credits:	1.0
Grade:	9 <sup>th</sup> , 10 <sup>th</sup> , 11 <sup>th</sup>
Prerequisite:	Algebra I CP: 93 or above OR Algebra I PAP: 85 or above

In Algebra II Pre-AP, students solidify and extend their understanding of functions and data analysis developed in prior courses. Students build upon linear, quadratic, and exponential functions as they work to define logarithmic, polynomial, rational, square root, cube root, and trigonometric functions. Quantitative literacy is developed by weaving data sets, contextual scenarios, and mathematical modeling throughout the course.

### Calculus (AB) AP

Duration:	Full Year
Credits:	1.0
Grade:	11 <sup>th</sup> , 12 <sup>th</sup>
Prerequisite:	Pre-Calculus AP: 80 or above

Calculus (AB) AP is an advanced study in mathematics that gives the student a better understanding of how a truly dynamic system can be dealt with logically. Calculus takes the powerful concept of limit and begins to work out its practical implications. The two major applications of the limit are the derivative and the integral. Derivatives are used to better understand the behavior of functions and to solve instantaneous rate and optimization problems. Integrals also have various applications, including measuring unusual areas and the volumes of irregularly shaped objects. The course will cover limits, differentiation, and integration of all the major functions and their applications.

*Students are required to take the College Board AP Exam at the end of the academic year. An additional fee for this test will be billed to the student's account.*

### Calculus (BC) AP

Duration:	Full Year
Credits:	1.0
Grade:	12 <sup>th</sup>
Prerequisite:	Calculus (AB) AP: 80 or above

Calculus (BC) AP is roughly equivalent to a second semester of college calculus. The course essentially concludes a study of calculus as applied to single-variable functions. Students begin by learning advanced integration techniques and applications. Major themes also include sequences and tests for the convergence of infinite series with a focus on the Taylor Series. The course concludes with the calculus applied to parametric and polar equations. Time permitting, we may introduce the calculus of vectors and vector-valued functions and their applications. The TI-84 calculator will continue to be used for numerical analytic purposes as well.

*Students are required to take the College Board AP Exam at the end of the academic year. An additional fee for this test will be billed to the student's account.*

### College Algebra CP

Duration:	Full Year
Credits:	1.0
Grade:	10 <sup>th</sup> , 11 <sup>th</sup> , 12 <sup>th</sup>
Prerequisite:	Algebra II

The course is designed for those students who need a bridge from Algebra II to Pre-Calculus or who want a review of college fundamentals in mathematics. Students will be challenged to deepen their understanding in such areas as equations and inequalities, functions and their graphs, polynomial functions, rational functions and conics, exponential and logarithmic functions, trigonometry, analytic trigonometry, and other topics dealing with trigonometric functions. Upon completing this course, a student will be able to recognize and graph polynomial functions, solve higher-order polynomials, solve logarithmic and exponential functions, recognize trigonometric graphs, and use trigonometric identities to solve trigonometric functions.

## Financial Accounting CP

Math or Creative Arts Credit Option

Duration:	Full Year
Credits:	1.0
Grade:	11 <sup>th</sup> , 12 <sup>th</sup>
Prerequisite:	Algebra I

Financial accounting is the building block of all accounting careers as well as an integral component of finance, economic, and general business degrees. Students will investigate the field of accounting, including how it is impacted by industry standards as well as economic, financial, technological, international, social, legal, and ethical factors. Students will absorb this knowledge as they learn the process of recording, classifying, summarizing, analyzing, and communicating accounting information. A significant amount of time will be spent applying a biblical worldview to real-world situational ethics. In a rapidly changing technology-driven world, this course will enable all students to enhance their marketability in their future careers.

## Geometry CP

Duration:	Full Year
Credits:	1.0
Grade:	9 <sup>th</sup> , 10 <sup>th</sup>
Prerequisite:	Algebra I

With a standard course in geometry, we step away from the number line and the Cartesian plane, where we are concerned with the coordinates of points, and we turn to the ideas of a point, a line, a plane, and space—the universal set of points. From these ideas, we devise definitions and intuit axioms and postulates to build, by God-given logic, more complex truths called theorems, all of which rigorously describe the relationships among and between our fundamental ideas and common geometric figures such as triangles, quadrilaterals, and circles. The process of establishing these relationships, generally referred to as a proof, forms a central theme of the course.

## Geometry PAP

Duration:	Full Year
Credits:	1.0
Grade:	9 <sup>th</sup> , 10 <sup>th</sup>
Prerequisite:	Algebra I CP: 93 or above OR Algebra I PAP: 85 or above

Geometry Pre-AP with Statistics is designed to provide students with a meaningful conceptual bridge between algebra and geometry to deepen their understanding of mathematics. Students often struggle to see the connections among their mathematics courses. In this course, students are expected to use the mathematical knowledge and skills they have developed previously to problem-solve across the domains of algebra, geometry, and statistics.

## Pre-Calculus AP

Duration:	Full Year
Credits:	1.0
Grade:	10 <sup>th</sup> , 11 <sup>th</sup> , 12 <sup>th</sup>
Prerequisite:	Algebra II PAP: 85 or above OR College Algebra CP: 93 or above

Pre-Calculus AP centers on classes (or families) of elementary functions modeling dynamic phenomena. This exploration of functions is designed to both deepen and broaden a student's understanding of the characteristics of each class, why these functions are essential, and what unique phenomena they describe. This course is designed to better prepare students for AP calculus and provide grounding for other mathematics and science courses. *Students are required to take the College Board AP Exam at the end of the academic year. An additional fee for this test will be billed to the student's account.*

## Statistics CP

*Math or Creative Arts Elective Credit Option*

Duration:	Full Year
Credits:	1.0
Grade:	11 <sup>th</sup> , 12 <sup>th</sup>
Prerequisite:	Algebra II

Statistics CP is about extracting meaning from data. This course will introduce techniques for visualizing relationships in data and systematic techniques for understanding the relationships using mathematics. Topics discussed include displaying and describing data, the normal curve, regression, probability, statistical inference, confidence intervals, and hypothesis testing.



# PHYSICAL EDUCATION

Credits Required: 3 (earned in high school)

A MAXIMUM OF 1.0 PHYSICAL EDUCATION CREDITS MAY BE EARNED PER ACADEMIC YEAR

Student options to earn the required Physical Education (PE) credits for graduation.

## TEAM SPORTS

Athletic Period Required Credits: 1.0	No Athletic Period Credits: 1.0	No Athletic Period Credits: 0.5
Baseball	Cheer	Cross Country
Basketball	Golf	Track
Football	Tennis	
Powerlifting		
Soccer		
Softball		
Volleyball		

## PHYSICAL EDUCATION PROGRAM

Semester 1 Credit: 0.5

Semester 2 Credit: 0.5

Students not participating in any of the TWCA sports listed above have the option of obtaining a physical education credit through the physical education program through a PE class.

## ATHLETIC TRAINING STUDENT PROGRAM

Prerequisite: Application Approval

Credit: 1.0

The program consists of student athletic trainers assisting the Licensed and Certified Athletic Trainer(s) at TWCA in all aspects of athletic training. Student athletic trainers assist with or perform duties such as taping, practice setup, administering treatments, providing first-aid, injury evaluation, administering rehabilitation, and emergency care.

## OFF-CAMPUS PHYSICAL EDUCATION (OCPE)

Prerequisite: Application Approval

Semester 1 Credit: 0.5

Semester 2 Credit: 0.5

Students not participating in any of the TWCA sports listed above AND are participating in an individual sport not offered at TWCA at a competitive level have the option of obtaining a physical education credit through the Off Campus PE Program. Students must record 32 hours of physical activity each semester to earn 0.5 PE credit.

# SCIENCE

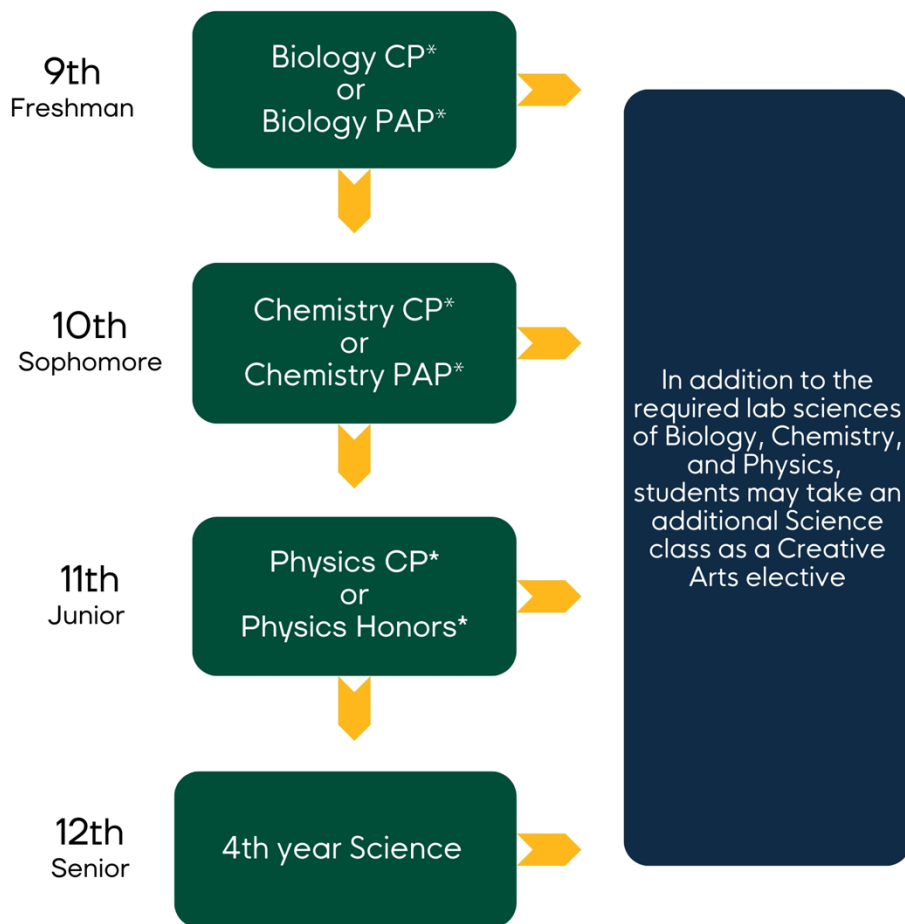
Credits Required: 4

9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
Biology CP*	Chemistry CP*	Physics CP*	Allied Health Sciences Honors
Biology PAP*	Chemistry PAP*	Physics Honors*	Anatomy & Physiology CP*
	Anatomy & Physiology CP*	Anatomy & Physiology Honors*	Anatomy & Physiology Honors*
	Anatomy & Physiology Honors*	Biology AP*	Biology AP*
	Environmental Science AP*	Biotechnology & Principles of Bioengineering Honors	Biotechnology & Principles of Bioengineering Honors
	Principles of Health Science CP	Chemistry AP*	Chemistry AP*
		Environmental Science AP*	Environmental Science AP*
		Physics AP*	Physics CP*
		Principles of Health Science CP	Physics Honors*
			Physics AP*
			Principles of Health Science CP

STEM classes that may be applied toward a Science credit:

Principles of Applied Engineering

Engineering Design & Problem Solving  
Engineering Applications



**Allied Health Sciences Honors**

*Science or Creative Arts Elective Credit Option*

*Additional State Application Fee and Certification Fee Required*

Duration:	Full Year
Credits:	1.0
Grade:	12 <sup>th</sup>

Prerequisite:

- Principles of Health Science (CP: 85 or above
- AND Anatomy & Physiology CP
- OR Anatomy & Physiology Honors
- OR Concurrent enrollment

This year is a national certification year for Health Sciences students. Students will learn the content from hands-on experiences and content knowledge, then take the certification and/or skills exams based on the Allied Healthcare field. Students can earn multiple medical career certifications this year. Medical Careers that students will earn certification in include the following: Certified Phlebotomy technician (CPT), EKG technician (CET), Patient Care Technician (PCT), and Certified Clinical & Administrative Medical Assistant (CCMA). Certifications are completed in order, and successful completion of the first is required for each successive certification.

## **Anatomy & Physiology CP**

*Lab Science*

*Science or Creative Arts Elective Credit Option*

Duration:	Full Year
Credits:	1.0
Grade:	10 <sup>th</sup> , 11 <sup>th</sup> , 12 <sup>th</sup>
Prerequisite:	Biology

Anatomy & Physiology CP is geared toward students interested in God’s prized creation, the human body. The course focuses on the structure and function of organs, their role in larger systems, and how their dysfunction relates to disease. Using case studies and research, students examine the latest developments in medicine and explore how topics presented in class interface with society. Lab investigations and dissections are integral to the course.

## **Anatomy & Physiology Honors**

*Lab Science*

*Science or Creative Arts Elective Credit Option*

Duration:	Full Year
Credits:	1.0
Grade:	10 <sup>th</sup> , 11 <sup>th</sup> , 12 <sup>th</sup>
Prerequisite:	Biology CP: 93 or above OR Biology PAP: 85 or above OR Biology AP

Anatomy & Physiology Honors is geared toward students interested in pursuing a career in medicine or related biological sciences. All elements of the college-prep level course description apply, but honors students attend and reflect upon college-level lectures and are responsible for a greater depth of course content and creating a research plan based on their chosen field of study.

## Biology AP

Lab Science

Science or Creative Arts Elective Credit Option

Duration:	Full Year
Credits:	1.0
Grade:	11 <sup>th</sup> , 12 <sup>th</sup>
Prerequisite:	Biology PAP: 85 or above  AND  Chemistry PAP: 85 or above

Biology AP is designed to be the equivalent of a college introductory biology course and is focused on four big ideas: energy and communication on the cellular level, genetics and information transfer, interactions in biological systems, and evolution. As students expand on and make connections between the ideas and concepts explored in previous Pre AP-Biology and Pre AP-Chemistry courses, they will come to appreciate and marvel at the complexity of life and God's creation. The goal of the course is to develop a conceptual framework for modern biological science. The course directs students to realize that science is a process rather than an accumulation of facts, to recognize unifying themes that integrate major topics of biology, and to apply knowledge and critical thinking skills to biomedical, environmental, and social concerns. Traditional and inquiry-based lab investigations are critical components of the course. Students enrolling in this course should have excellent analytical and technical writing skills. Advanced Placement Examination is required.

*Students are required to take the College Board AP Exam at the end of the academic year. An additional fee for this test will be billed to the student's account.*

## Biology CP

Biology CP or Biology PAP - Required Lab Science

Duration:	Full Year
Credits:	1.0
Grade:	9 <sup>th</sup>
Prerequisite:	8 <sup>th</sup> Grade Science

Biology CP is a foundation for the basic understanding of life and opens the door to a lifetime of learning about the natural world and God's creation. This course explores the fundamental areas of biological sciences: cell biology, genetics, organismal change and relatedness, and ecology. Instructional opportunities and lab work are designed to not only teach new content but also to guide students as they continue to build the skills necessary to become critical thinkers. Experimental design, interpretation, and evaluation of data, and communication of ideas using the scientific method are emphasized.

## Biology PAP

*Biology CP or Biology PAP - Required Lab Science*

Duration:	Full Year
Credits:	1.0
Grade:	9 <sup>th</sup>
Prerequisite:	8 <sup>th</sup> grade Science: 93 or above

Biology Pre-AP approaches the study of living systems from a contemporary point of view and lays the foundation for the content covered in Biology AP. Students enrolling in this course should have plans to pursue AP-level science coursework in future years. While the course is organized into similar units as the introductory level biology course, the Pre-AP course goes into greater depth of content and is taught at a faster pace. In addition, the Pre-AP curriculum places a strong emphasis on the biochemical and molecular basis of organism structure and function and explores the latest advances in biotechnology. Lab work and technical writing are significant components of the course. Students who register for the Pre-AP course should already have a strong foundation in critical thinking, experimental design, data interpretation, and analytical writing. Collaborative and independent research opportunities are woven throughout the curriculum to further sharpen these skills.

## Biotechnology & Principles of Bioengineering Honors

*Science or Creative Arts Elective Credit Option*

Duration:	Full Year
Credits:	1.0
Grade:	11 <sup>th</sup> , 12 <sup>th</sup>
Prerequisite:	Biology PAP: 85 or above  AND  Chemistry PAP: 85 or above

The purpose of this course is to give students a comprehensive introduction to the scientific concepts and laboratory research techniques currently used in the fields of biotechnology and bioengineering. Students will review and apply the fundamentals of molecular biology, genetics, and chemistry to understand a variety of real-world applications and solve problems in microbiology, forensics, agriculture, immunology and public health, biodiversity and conservation, and medicine. Students will also consider principles of bioethics as they examine these topics and evaluate the use of technology through the lens of a biblical worldview. The course is designed with a lab-focused curriculum, enabling students to explore and become proficient in lab techniques such as micropipetting, aseptic technique, DNA and protein extraction and quantification, gel electrophoresis, PCR, CRISPR, gene cloning and bacterial transformation, ELISA, and western blotting. Through readings, lab experiments, class discussions, case studies, field visits, and research projects, students will explore career opportunities in the industry and develop the technical, critical thinking, and communication skills required to succeed in the fields of biotechnology and bioengineering.

## Chemistry AP

Lab Science

Science or Creative Arts Elective Credit Option

Duration:	Full Year	Chemistry AP is the equivalent of a college Chemistry course and gives students the opportunity to earn college credit. Chemical calculations comprise the core foundation of this course, including molecular bonding and hybridization, modern atomic theory, electrochemistry, nuclear chemistry, stoichiometry, kinetics, aqueous equilibrium, reduction and oxidation, and thermodynamics. Students continue to develop their abilities in analysis and higher-order thinking skills in preparation for college-level studies. Students enrolling in this course should have excellent analytical and technical writing skills. <i>Students are required to take the College Board AP Exam at the end of the academic year. An additional fee for this test will be billed to the student's account.</i>
Credits:	1.0	
Grade:	11 <sup>th</sup> , 12 <sup>th</sup>	
Prerequisite:	Chemistry PAP: 85 or above  AND  Algebra II PAP: 85 or above	

## Chemistry CP

Chemistry CP or Chemistry PAP - Required Lab Science

Duration:	Full Year	Chemistry CP is the study of the structure and composition of the different kinds of matter, the changes which matter may undergo, and the phenomena that occur during these changes. Through this course, students develop a greater understanding and knowledge of God's creation. Through critical thinking, students evaluate information, analyze, and solve problems, as well as assess issues using mathematical and analytical skills. In laboratory work, students gather, record, organize, interpret, and analyze information about the natural world.
Credits:	1.0	
Grade:	10 <sup>th</sup>	
Prerequisite:	Biology	

## Chemistry PAP

Chemistry CP or Chemistry PAP - Required Lab Science

Duration:	Full Year	The Chemistry Pre-AP course emphasizes the integration of content with science practices using powerful reasoning tools that support students in analyzing the natural world around them. This course focuses on the foundational chemistry knowledge and skills that matter most for college and career readiness. The Chemistry Pre-AP course framework highlights how students connect those core ideas while promoting the development of a coherent understanding of matter at the atomic scale. The components of this course have been crafted to prepare not only the next generation of chemists but also a broader base of chemistry-informed citizens who are well-equipped to respond to an array of science-related issues that impact lives.
Credits:	1.0	
Grade:	10 <sup>th</sup>	
Prerequisite:	Algebra I  AND  Biology CP: 93 or above  OR  Biology PAP: 85 or above	

## Environmental Science AP

Lab Science

Science or Creative Arts Elective Credit Option

Duration:	Full Year
Credits:	1.0
Grade:	11 <sup>th</sup> , 12 <sup>th</sup>
Prerequisite:	Biology CP or Chemistry CP: 93 or above OR Biology PAP or Chemistry PAP: 85 or above

Environmental Science AP is designed to engage students with the scientific principles, concepts, and methodologies required to understand the interrelationships within the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these issues, and examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography. Students enrolling in this course should have excellent analytical and technical writing skills. Advanced Placement Examination is required.

*Students are required to take the College Board AP Exam at the end of the academic year. An additional fee for this test will be billed to the student's account.*

## Physics AP

Lab Science

Science or Creative Arts Elective Credit Option

Duration:	Full Year
Credits:	1.0
Grade:	11 <sup>th</sup> , 12 <sup>th</sup>
Prerequisite:	Pre-Calculus AP: 80 or above OR Algebra II PAP: 85 or above AND Concurrent enrollment in Pre Calculus AP

Physics AP is an algebra-based, introductory college-level physics course. Students will develop their understanding of physics by developing models of physical phenomena through inquiry-based investigations. Students will build their knowledge of physical models as they explore and solve problems in kinematics, forces, and translational dynamics; work, energy, and power; linear momentum, torque, and rotational dynamics; energy and momentum of rotating systems, oscillations, and fluids. Physics I AP is equivalent to the first course in an introductory course sequence in an algebra-based physics college-level course. Students enrolling in this course should have excellent analytical and technical writing skills.

*Students are required to take the College Board AP Exam at the end of the academic year. An additional fee for this test will be billed to the student's account.*

## Physics CP

Physics CP or Physics Honors - Required Lab Science

Duration:	Full Year
Credits:	1.0
Grade:	11 <sup>th</sup> , 12 <sup>th</sup>
Prerequisite:	Algebra II

Physics CP is an introductory course focusing on matter, motion, energy, gravity, electricity, waves, and their relationships. Students explore physics principles through lab activities, hands-on projects, experiments, and real-world applications. Labs emphasize teamwork, as students solve problems and present findings. Data collection tools and software are used to capture and analyze real-time data, enhancing understanding of physical phenomena. Critical reasoning, creative thinking, and collaboration skills are key areas of focus. Throughout the course, students also reflect on the order and intricacy of God's creation.



## Physics Honors

*Physics CP or Physics Honors - Required Lab Science*

Duration:	Full Year	Physics Honors is an introductory college-level physics course designed to prepare students for Physics I AP or first-year college-level courses. Students will be introduced to concepts covered in Physics I AP, focusing on conceptual understanding. Emphasis will be placed on developing students' mathematical modeling techniques and reasoning. The following sections will be covered: kinematics, forces and translational dynamics, work, energy and power, linear momentum, torque and rotational dynamics, energy and momentum of rotating systems, oscillations, and fluids.
Credits:	1.0	
Grade:	11 <sup>th</sup> , 12 <sup>th</sup>	
Prerequisite:	Algebra II PAP: 85 or above AND Concurrent enrollment in Precalculus AP	

## Principles of Health Science CP

*Science or Creative Arts Elective Option*

*Additional State Application Fee and Certification Fee Required*

Duration:	Full Year	Principles of Health Science CP is an integrated Health Science curriculum for those who plan to pursue a career in health care. This integrated curriculum extends the scope of learning into the community to offer opportunities for all students to participate in activities related to healthcare skills development. These activities allow students the ability to manage basic survival skills, build self-esteem, build skills for future careers, develop into leaders for the advancement of the healthcare field, and receive recognition. Students use these skills to become competitive at local, state, and national Health Science events. Areas of skill improvement or course focus can include CPR, Certified Emergency Response Team training, medical assistance, medical coding and billing, medical terminology, anatomy, pathophysiology, nursing skills, emergency medical technicians, pharmacology, radiology, nutrition, health and fitness, sports medicine, medical math, public health, chemistry, biochemistry, medical microbiology, genetics, behavioral health, and physical therapy.
Credits:	1.0	
Grade:	10 <sup>th</sup> , 11 <sup>th</sup> , 12 <sup>th</sup>	
Prerequisite:	Biology	

### CREDIT RECOVERY

Credit recovery may be accomplished for a student who has failed a TWCA semester class via an online class. The failed grade will be posted on the student's transcript as no credit (NC); however, the failing grade will not be factored into the student's GPA once he or she passes the credit recovery online class. Students taking an online class for credit recovery may earn a maximum of 70% on his or her transcript.

### FOREIGN LANGUAGE

New transfer students who have already received credit for a foreign language class that TWCA does not offer may be permitted to continue their foreign language study online.

An additional tuition fee is required for each online class enrollment.

Students are expected to uphold TWCA academic standards when participating in an online class and adhere to both TWCA and third-party school online policies and procedures.

Students enrolled in an online class are expected to complete all coursework within the timeline allotted by both TWCA and the third-party school.



1993

**“The LORD is with you  
mighty warrior.”**

**Judges 6:12**



**THE WOODLANDS  
CHRISTIAN  
ACADEMY**

2025-2026