# 2024-2025 UPPER SCHOOL COURSE DESCRIPTION GUIDE



829 Garlington Road Greenville, SC 29615 (864)678-5107 www.firstpresacademy.com

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<sup>\*</sup>All First Presbyterian Academy, Inc. course offerings are subject to student interest and faculty availability.

GRADUATION REQUIREMEN With Distinction	TS	GRADUATION REQUIREM Regular Requirements	ENTS
English	5 units	English	4 units
Mathematics	5 units	Mathematics	4 units
Bible	4 units	Bible	4 units
US History	1 unit	US History	1 unit
Government	0.5 unit	Government	0.5 unit
Economics	0.5 unit	Economics	0.5 unit
Social Studies	1 unit	Social Studies	1 unit
Science	4 units	Science	3 units
Physical Ed/Health	1 unit	Physical Ed/Health	1 unit
Foreign Language	3 units	Foreign Language	2 units
Computer Science	1 unit	Computer Science	1 unit
Fine Arts Elective	1 unit	Fine Arts Elective	1 unit
Additional Electives	2 units	Additional Electives	2 units
TOTAL	29 units	TOTAL	25 units

**NOTE** | All seniors are required to take an English, Math, Government/Economics, and Bible course.

**Continuing Arts Appreciation Program (CAP)** | All high school students must attend at least two (2) Fine Arts events each school year. This may be a ballet, symphony, art museum, concert, etc. Attendance will be verified by the student's English teacher. English credit will not be issued until CAP requirements are fulfilled.

**Service Hours Requirement** | Annual service hours will be required for all students in 7<sup>th</sup> – 12<sup>th</sup> grade. Two school days of service (IMPACT Days) will count towards 10 hours of the requirement; the remaining difference is the responsibility of the student to complete individually. Service hours completed during the summer will be applied to the following school year only. All student transcripts will indicate the number of hours earned. Students earning more than 300 cumulative service hours will receive a silver cord to wear at graduation.

7<sup>th</sup> Grade | 22 hours 8<sup>th</sup> Grade | 24 hours 9<sup>th</sup> Grade | 26 hours 10<sup>th</sup> Grade | 28 hours 11<sup>th</sup> Grade | 30 hours 12<sup>th</sup> Grade | 32 hours

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# **COURSE INFORMATION**

## **COURSE DISTINCTIONS**

First Presbyterian Academy, Inc. is a fully accredited college preparatory school and all course offerings are designed to prepare our students for academic rigors and demands of college. High school courses receive one of three distinctions: Advanced Placement® (AP®); Honors (H); or College Preparatory (CP).

Advanced Placement® (AP®) | Advanced Placement® courses are college-level courses and the workload and teacher expectations will reflect that designation. In order to enroll in an AP® course, students must have completed the required prerequisite courses, pass the AP® placement exam, and receive a teacher recommendation. Students enrolled in an AP® course at First Presbyterian Academy, Inc. are required to take the appropriate national College Board AP® Exam in May. The exam is graded on a scale of 1 to 5, and a score of 3 or higher is considered passing. Colleges and universities often accept passing scores as class credit, though the requirements will vary from school to school.

Honors (H) | Designed for the above average student, First Presbyterian Academy, Inc. Honors courses are taught at a faster pace with more exhaustive subject matter and CP courses. Students may participate in both Honors and CP courses; neither academic track is binding. Teacher recommendation is preferred but not required for a student to enroll in an honors course. Each year, teachers provide recommendations for the following academic year. Parent and student consent is required to override a teacher recommendation.

College Preparatory (CP) | College Preparatory courses will reflect the workload and expectations of a college-prep level class and are intended to challenge the average student.

## **COURSE SELECTION**

Students may submit course requests for the approaching school year via RenWeb during the spring semester. Course selection requests will not be recognized until the school has processed the re-enrollment contract and deposit. Contracts received after the course selection deadline will be subject to course availability, regardless of initial student course request.

First Presbyterian Academy, Inc. cannot guarantee that all course offerings in a given semester or academic year will be available to all students. Extenuating circumstances, such as course failure or school transfer, may cause deviations from the traditional First Presbyterian Academy, Inc. course sequence and availability. Additionally, specific course sequence and combinations may not be possible due to scheduling constraints; additional elective limitations may occur due to core course selections and graduation requirements. All course offerings are subject to enrollment and interest; a minimum of five students must be enrolled in any one course for the offering to remain valid, unless it receives an override by an administrator.

# DROP/ADD

Students in 9th - 12th grade will have the opportunity to adjust their academic schedules beginning day one of the fall semester. The drop/add period will last 10 school days. Any course dropped after the allotted 10-day period may receive a grade of withdrawal/failing (WF), and a numerical value of 64 will be assigned. The school administration may initiate a course withdrawal or a course level change after the drop/add period has ended without penalty to the student.

# MIDDLE SCHOOL EDUCATION PROGRAM

# 6th Grade

Bible 6 | Intro to Christian Beliefs and Practice
English 6
History 6 | World History
Math 6
Science 6 | Earth Science

# 7<sup>th</sup> Grade

Bible 7 | Life of Christ English 7 History 7 | World History Pre-Algebra 7 CP or Pre-Algebra 7 Honors Science 7 | Life Science

# 8th Grade

Bible 8 | Acts and the Epistles English 8 CP or English 8 Honors\* History 8 | US History Pre-Algebra 8 CP or Algebra I Honors\* Science 8 | Physical Science Computer I\*

\*Denotes class taken for high school credit.

# **Electives**

Art
Middle School Percussion
Choir
General Music
Drama
Exploratory Spanish
Creative Writing
Middle School Study Skills
Physical Education
STEM

# HIGH SCHOOL EDUCATIONAL PROGRAM

# Potential Course Offerings for the 2023-2024 Academic Year

All students must take the following courses in order to graduate:

Computer I CP

1 Fine Art Credit

1 PE Credit

# **College Preparatory Curriculum**

# NINTH GRADE (7 credits)

English 9 CP | Genre Studies
Human Geography CP
Algebra I CP
Biology CP
Bible 9 | Old Testament History & Theology
World Language 1 CP
Elective(s)

## TENTH GRADE (7 credits)

English 10 CP | World Literature US History CP Geometry CP Chemistry CP Bible 10 | Hermeneutics World Language 2 CP Elective(s)

## **ELEVENTH GRADE (7 credits)**

English 11 CP | British Literature World History II CP Algebra II CP Human Anatomy & Physiology CP Bible | Systematic Theology or Apologetics World Language 3 Honors Elective(s)

# TWELFTH GRADE (7 credits)

English 12 CP | Senior Composition Government/Economics CP College Algebra CP Kinesiology CP Bible | Systematic Theology or Apologetics Elective(s)

## **Honors Curriculum**

# EIGHTH GRADE (2 credits) English 8 Honors | Genre Studies

Algebra 1 Honors

# NINTH GRADE (7 credits)

English 9 Honors | World Literature AP Human Geography Geometry Honors Biology Honors Bible 9 | Old Testament History & Theology World Language 1 CP Elective(s)

## TENTH GRADE (7 credits)

English 10 Honors | American Literature AP® US History
Algebra II Honors
Chemistry Honors
Bible 10 | Hermeneutics
World Language 2 CP
Elective(s)

# **ELEVENTH GRADE (7 credits)**

AP® English Language
AP® European History
AP Pre-Calculus
AP® Environmental or Physics Honors
Bible | Systematic Theology or Apologetics
World Language 3 Honors
Elective(s)

## TWELFTH GRADE (7 credits)

AP® English Literature
Government/Economics CP
AP® Calculus AB or AP Statistics
AP® Biology or AP® Environmental or Psychology
Honors
Bible | Systematic Theology or Apologetics
Elective(s)

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## **BIBLICAL STUDIES**

## COURSE TITLE: INTRODUCTION TO CHRISTIAN BELIEFS AND PRACTICE

GRADE LEVEL: 6

## COURSE DESCRIPTION:

This course is an introduction to major Christian doctrines and how the truth of Jesus Christ should impact the way Christians live. Students will use *Pilgrim's Progress* by John Bunyan (an allegory of how God calls them to walk in the truth of the Gospel while living in a fallen world) as the main text during our first semester. In the second semester, students will continue their study of *Pilgrim's Progress* while also looking at the purpose of the Church and some of the heroes in the Christian faith who gave their life to further the saving message of the Mighty Savior.

#### **COURSE TITLE: LIFE OF CHRIST**

GRADE LEVEL: 7

#### COURSE DESCRIPTION:

This course is designed to challenge students to think through Jesus' life, death and resurrection and what it means for their lives. The students will study the life of Christ and the teachings of Jesus from the four Gospels and be able to explain what it means to follow Christ. Special emphasis is placed upon knowing the author, historical and cultural setting, audience, purposes and themes of each of the four Gospels.

## **COURSE TITLE: ACTS AND EPISTLES**

GRADE LEVEL: 8

## COURSE DESCRIPTION:

This course is a study of Acts and the Epistles. Students will look at major themes in each book covered. Special emphasis will be placed on the role of the Holy Spirit, the importance of the Church, and the relevance of the Gospel message for society today.

## COURSE TITLE: OLD TESTAMENT HISTORY AND THEOLOGY

GRADE LEVEL: 9. 10

## COURSE DESCRIPTION:

This course is a study of the Old Testament. Students will learn about the importance of historical context, major covenants, purposes and themes of both individual books and the Old Testament as a whole. By successfully completing this course, students will understand not only the major events, characters and themes of the Old Testament, but also be able to explain how the whole Old Testament points to Jesus Christ.

#### **COURSE TITLE: HERMENEUTICS**

GRADE LEVEL: 9, 10

#### COURSE DESCRIPTION:

This course provides an introduction to the art and science of interpreting the Bible. Special emphasis is placed on interpreting the Bible using the historical-grammatical method. Students will be given the opportunity to put into practice biblical interpretation and application of the text into their lives.

## COURSE TITLE: SYSTEMATIC THEOLOGY

GRADE LEVEL: 11. 12

COURSE DESCRIPTION:

This course introduces students to the major Bible doctrines held by Christians. Special emphasis is placed upon critical reasoning, the centrality of the Bible for our beliefs, and the relevance of theology for practical living and society.

## **COURSE TITLE: APOLOGETICS**

GRADE LEVEL: 11, 12

## COURSE DESCRIPTION:

This course provides an introduction to a defense of the Christian faith. Special emphasis is placed on cultivating a biblical worldview, critical thinking, the resurrection, and an introduction to world religions. Students will understand the value of critically and respectfully interacting with culture in a manner that glorifies God.

## COMPUTER SCIENCE

# **COURSE TITLE: COMPUTER I CP (taken online via VirtualSC)**

GRADE LEVEL: 8-12
\*High school credit awarded

#### COURSE DESCRIPTION:

This course is designed to enhance student keyboarding mastery skills and to introduce computing history, computer components, and the Microsoft Office suite. The keyboarding portion of this course provides the student an opportunity to master the skill of entering alphabetic, numeric, and symbolic information on a keyboard and ten-key pad using the touch method of keystroking. Emphasis is placed on the development of speed and accuracy, proper techniques, and correct fingering. Students will also learn a basic history of computers, computer parts and functions, and then begin to process data into useful information utilizing word processing, spreadsheets, graphic design, and database applications from the Microsoft Office software package. Students are introduced to basic concepts of coding and web design in units dedicated to HTML and CSS.

# **ENGLISH**

#### **COURSE TITLE: ENGLISH 6**

GRADE LEVEL: 6

## COURSE DESCRIPTION:

In this course, students will be given a solid foundation in grammar, vocabulary, composition, and literature. Students will choose and read independent reading novels. Literature is used as a model for writing as students construct pieces of fiction, poetry, and prose. Throughout the year, students will also write pieces for publication in the annual Bridges book.

## **COURSE TITLE: ENGLISH 7**

GRADE LEVEL: 7

## COURSE DESCRIPTION:

In this course, students use self-selected independent reading to analyze, interpret, and evaluate literature. There is also a concentrated focus on writing and understanding poetry. In addition, students will continue to build their foundation of the English language through a study of grammar, mechanics, and vocabulary in order to help them develop skills in the basics of writing and composition. Students will also be introduced to research skills and will write several expository pieces throughout the year.

#### **COURSE TITLE: ENGLISH 8**

GRADE LEVEL: 8

#### COURSE DESCRIPTION:

In this course, students use self-selected independent reading to analyze, interpret, and evaluate literature. Students' reading and understanding of literature will carry over into their writing as they write several literary analysis essays and book reviews. Students will continue to build their foundation of the English language through a study of grammar, mechanics, and vocabulary in order to help them develop skills in writing and composition. In addition to focused lessons and practice in research, students will also be introduced to writing various forms of fiction.

## **COURSE TITLE: ENGLISH 8 H GENRE STUDIES**

PREREQUISITE: Teacher Recommendation

GRADE LEVEL: 8

#### COURSE DESCRIPTION:

Students learn to analyze, interpret, and evaluate a variety of literary genres including short stories, poetry, novels, drama, and non-fiction. Through a review of mechanics, sentence structure, and usage, students learn to enhance their writing. Various forms of essays will be taught including argumentative, expository, narrative, and literary analysis essays. Students will also conduct real-world research during their second semester.

## **COURSE TITLE: ENGLISH 9 CP GENRE STUDIES**

GRADE LEVEL: 9

#### COURSE DESCRIPTION:

Students learn to analyze, interpret, and evaluate a variety of literary genres including short stories, poetry, novels, drama, and non-fiction. Through a review of mechanics, sentence structure, and usage, students learn to enhance their writing through various forms of essays, utilizing logical thought patterns and order. A comprehensive study of vocabulary also aids in the writing process. A critical analysis of a poet and his/her works is the basis for a second semester research paper.

#### COURSE TITLE: ENGLISH 9 H WORLD LITERATURE

PREREQUISITE: English 8 H, Teacher Recommendation

GRADE LEVEL: 9

## COURSE DESCRIPTION:

This course includes study of some of the most renowned masterworks of world literature, including Sophocles' *Antigone* and Shakespeare's *Julius Caesar*. Novels and short stories by famous international writers augment the curriculum. Students increase knowledge of vocabulary and syntactical structures by reading, analyzing, and discussing various texts. Building on basic grammar knowledge, students also engage in a systematic study of phrases and clauses. Students compose memoirs, poems, and expository essays. Oral presentations also foster the ability to communicate clearly.

## **COURSE TITLE: ENGLISH 10 CP WORLD LITERATURE**

PREREQUISITE: English 9 CP

GRADE LEVEL: 10

## COURSE DESCRIPTION:

This course includes study of some of the most renowned masterworks of world literature, including Sophocles' *Antigone* and Shakespeare's *Julius Caesar*. Novels and short stories by famous international writers augment the curriculum. Students increase knowledge of vocabulary and syntactical structures by reading, analyzing, and discussing various texts. Building on basic grammar knowledge, students also engage in a systematic study of

phrases and clauses. Students compose memoirs, poems, and expository essays. Oral presentations also foster the ability to communicate clearly.

## COURSE TITLE: ENGLISH 10 H AMERICAN LITERATURE

PREREQUISITE: English 9 H, Teacher Recommendation

GRADE LEVEL: 10

#### COURSE DESCRIPTION:

This course consists of a chronological study of established American authors, and students learn to analyze, interpret and evaluate literary works of merit. Honor students begin more intensive literary analysis and interpretation. They polish their writing skills as they focus on multi-paragraph expository and literary essays and learn to write for different audiences and purposes. Students will study the art of effective communication, both written and spoken and will compose and present a persuasive speech and research paper. Students continue an extensive vocabulary study. Several research projects are required for credit in this course.

## COURSE TITLE: ENGLISH 11 CP BRITISH LITERATURE

PREREQUISITE: English 10 GRADE LEVEL: 11

#### COURSE DESCRIPTION:

A broad survey of classic British literature beginning with *Beowulf* and ending with T.S. Eliot, English 11 H focuses on close reading of predominantly poetic texts, including Shakespeare's *Macbeth* and Milton's *Paradise Lost* as well as notable works of Renaissance, Romantic, and Modern poets. Students write poetry paraphrases, literary analysis essays, and research papers. In addition, students practice research skills involving MLA documentation and citation. Writing creatively, students compose their own poetry by emulating the style of Anglo-Saxon poetry and the structure of the Shakespearean sonnet.

## COURSE TITLE: AP® ENGLISH LANGUAGE AND COMPOSITION

PREREQUISITE: English 10 H, Teacher Recommendation, Placement Test

GRADE LEVEL: 11

## COURSE DESCRIPTION:

This college-level course focuses on analyzing rhetorical strategies that writers and speakers use to persuade an audience. Students study methods of developing logical argument, providing relevant evidence, avoiding logical fallacies, and incorporating effective rhetorical devices. In addition, students enhance skills of close reading and drawing logical inferences by discussing multiple perspectives on non-fiction from various genres: essays, editorials, letters, articles, and speeches. The course includes ample opportunities for students to compose synthesis, rhetorical analysis, and argumentative essays of the type required on the AP® English Language and Composition CollegeBoard exam. The student can receive college credit for this course with successful performance on the Advanced Placement® exam in May.

## **COURSE TITLE: ENGLISH 12 CP SENIOR COMPOSITION**

GRADE LEVEL: 12

## COURSE DESCRIPTION:

This course is designed to prepare seniors for the demands of college writing. In this course, seniors will practice stages of the writing process from invention to finished product. Students will write essays modeled on professional writers' works in various rhetorical modes: narration, description, exemplification, process, cause and effect, and comparison and contrast. In September, time will be spent writing an effective college admissions essay. During the second semester, students will write a substantial research paper following MLA guidelines for in-text citations and works cited. Throughout the year, seniors in this course will acquire new vocabulary through close reading and will practice revision strategies to improve the diction, coherence, concision, and clarity of their compositions.

## COURSE TITLE: AP® ENGLISH LITERATURE AND COMPOSITION

PREREOUISITE: English 11 H or AP® English Language, Teacher Recommendation, Placement Test

GRADE LEVEL: 12

#### COURSE DESCRIPTION:

This college-level course requires an extensive study of challenging literature with emphasis on its structure, tone, character development, and theme. Students write essays and participate in literary analysis; they also complete an intensive study of literary criticism. Students study methods of analyzing imaginative literature from various genres including novels, plays, prose and poetry. Writing assignments are frequent and are based on the essays required on the AP® English Literature and Composition CollegeBoard exam. The student can receive college credit for this course with successful performance on the Advanced Placement® exam in May.

# **WORLD LANGUAGE**

## COURSE TITLE: MIDDLE SCHOOL WORLD LANGUAGE

GRADE LEVEL: 6-8

\*Courses offered in Spanish

## COURSE DESCRIPTION:

These classes incorporate hands-on activities to reinforce introductory vocabulary, writing, and speaking skills in Spanish. Students will begin laying the foundation for world language that will enable them to move into high school language classes with confidence.

## **COURSE TITLE: FRENCH I CP (online only)**

GRADE LEVEL: 9

#### COURSE DESCRIPTION:

French I is the basis upon which mastery skills are built and enhanced. Students will thoroughly learn the basic skills relevant to all foreign languages: listening, speaking, writing, and reading. Students will focus on vocabulary, grammar, and culture as they read, speak and write at a basic level in the target language. Equipped with these skills, the students will have an excellent foundation for French II.

## **COURSE TITLE: FRENCH II CP (online only)**

PREREQUISITE: FRENCH I CP

GRADE LEVEL: 10

## COURSE DESCRIPTION:

French II will continue to build on the skills learned in French I. Previous material will be continually reviewed as students learn new concepts. More vocabulary, additional verb tenses, and more complex grammar structures will strengthen the student's ability to understand and express himself/herself in the target language. Continued experiences with culture and traditions will aid in motivating students to increase their French skills in all areas of usage.

## **COURSE TITLE: FRENCH III H (online only)**

PREREQUISITE: FRENCH II CP

GRADE LEVEL: 11

## COURSE DESCRIPTION:

French III will continue to strengthen proficiencies attained in French II. Students will read, translate, and discuss short stories and novels. Grammar will remain an important element of the learning process. Various reading

selections and writing assignments will increase vocabulary, sharpen conversational skills, and stimulate short discussions relevant to French culture and history.

## **COURSE TITLE: GERMAN I CP (online only)**

GRADE LEVEL: 9

#### COURSE DESCRIPTION:

German I is the basis upon which mastery skills are built and enhanced. Students will thoroughly learn the basic skills relevant to all world languages: listening, speaking, writing, and reading. Students will focus on vocabulary, grammar, and culture as they read, speak and write at a basic level in the target language. Equipped with these skills, the students will have an excellent foundation for German II.

## **COURSE TITLE: GERMAN II CP (online only)**

PREREQUISITE: GERMAN I CP

GRADE LEVEL: 10

#### COURSE DESCRIPTION:

German II will continue to build on the skills learned in German I. Previous material will be continually reviewed as students learn new concepts. More vocabulary, additional verb tenses, and more complex grammar structures will strengthen the student's ability to understand and express himself/herself in the target language. Continued experiences with culture and traditions will aid in motivating students to increase their German skills in all areas of usage.

## COURSE TITLE: GERMAN III H (Online Only)

PREREQUISITE: GERMAN II CP

GRADE LEVEL: 11

#### COURSE DESCRIPTION:

German III will continue to strengthen proficiencies attained in German II. Students will read, translate, and discuss short stories and novels. Grammar will remain an important element of the learning process. Various reading selections and writing assignments will increase vocabulary, sharpen conversational skills, and stimulate short discussions relevant to German culture and history.

## **COURSE TITLE: SPANISH I CP**

GRADE LEVEL: 9

## COURSE DESCRIPTION:

Spanish I is the basis upon which mastery skills are built and enhanced. Students will thoroughly learn the basic skills relevant to all world languages: listening, speaking, writing, and reading. Students will focus on vocabulary, grammar, and culture as they read, speak and write at a basic level in the target language. Equipped with these skills, the students will have an excellent foundation for Spanish II.

## COURSE TITLE: SPANISH II CP

PREREOUISITE: SPANISH I CP

GRADE LEVEL: 10

## COURSE DESCRIPTION:

Spanish II will continue to build on the skills learned in Spanish I. Previous material will be continually reviewed as students learn new concepts. More vocabulary, additional verb tenses, and more complex grammar structures will strengthen the student's ability to understand and express his/herself in the target language. Continued experiences with culture and traditions will aid in motivating students to increase their Spanish skills in all areas of usage.

#### **COURSE TITLE: SPANISH III H**

PREREQUISITE: SPANISH II CP

GRADE LEVEL: 11

#### COURSE DESCRIPTION:

Spanish III will continue to strengthen proficiencies attained in Spanish II. Students will read, translate, and discuss short stories and novels. Grammar will remain an important element of the learning process. Various reading selections and writing assignments will increase vocabulary, sharpen conversational skills, and stimulate short discussions relevant to Spanish culture and history.

#### **COURSE TITLE: AMERICAN SIGN LANGUAGE I**

GRADE LEVEL: 9, 10, 11, 12

Introduces basic American Sign Language (ASL) skills such as: ASL alphabet fingerspelling, basic vocabulary and grammatical structures, and the development of visual receptive and gestural expressive skills. Designed for students with little or no previous knowledge of ASL. This course requires active participation.

## COURSE TITLE: AMERICAN SIGN LANGUAGE II

Prerequisite: ASL I

GRADE LEVEL: 9, 10, 11, 12

This course continues the study and practice of basic skills initiated in ASL 1. It emphasizes topics based on everyday communication, comprehending, signing, developing receptive skills, and using the glossing system for written ASL. Grammar is introduced in context, with an emphasis on developing question and answering skills. This course requires active participation.

## COURSE TITLE: AMERICAN SIGN LANGUAGE III

Prerequisite: ASL I, ASL II GRADE LEVEL: 9, 10, 11, 12

At an intermediate level, this course will follow a strict "VOICES OFF" policy and is conducted entirely in American Sign Language. An emphasis will be placed on improving both speed and fluency along with reinforcement of appropriate grammar, vocabulary, and conversation skills at a higher level. We will continue to expand vocabulary and enhance both expressive and receptive skills through class discussions, pair/group work, simulations, and presentations. Cultural topics are included in the study of grammar and structure. Attendance at events in the Deaf community will be encouraged to expand cultural perspective and understanding.

# **MATHEMATICS**

#### **COURSE TITLE: MATH 6**

GRADE LEVEL: 6

#### COURSE DESCRIPTION:

Sixth grade math involves the four operations of integers, fractions, and decimals and works with applications of percent. Students work with statistics and graphs, as well as patterns. Students are introduced to algebraic and geometric concepts from the basic to the high school level.

## COURSE TITLE: PRE-ALGEBRA 7 CP

GRADE LEVEL: 7

COURSE DESCRIPTION:

This middle school course is designed for seventh grade students. The content reinforces mathematical concepts and introduces number patterns, graphs, exponents, variables, ratio, proportions, and percent along with simple linear equation solving. This course prepares the student for Pre-Algebra 8 CP. A basic calculator is recommended.

## **COURSE TITLE: PRE-ALGEBRA 7 H**

PREREQUISITE: Teacher Recommendation

GRADE LEVEL: 7

#### COURSE DESCRIPTION:

This middle school course is designed for upper level 7th grade students. The content introduces number patterns, graphs, exponents, variables, ratio, proportions, and percent along with linear equation solving and graphing. This course prepares the student for Algebra I H. A basic calculator is recommended.

## COURSE TITLE: PRE-ALGEBRA 8 CP

GRADE LEVEL: 8

#### COURSE DESCRIPTION:

This middle school course is designed for eighth grade students. The content reinforces number patterns, graphs, exponents, variables, ratio, and percent along with simple linear equation solving. This course prepares the student for Algebra I. A basic calculator is recommended.

## COURSE TITLE: ALGEBRA I H

PREREQUISITE: Pre-Algebra, Teacher Recommendation

GRADE LEVEL: 8

#### COURSE DESCRIPTION:

This rigorous pursuit of Algebra I covers the foundation for Geometry, Algebra II, and the SAT. The content includes the rules and properties to combine expressions, solve and graph polynomial equations, radical and exponential expressions and equations and functions. A basic calculator is required.

#### **COURSE TITLE: ALGEBRA I CP**

PREREQUISITE: Pre-Algebra 8

GRADE LEVEL: 9

## COURSE DESCRIPTION:

This course includes the basic rules of Elementary Algebra including writing, solving, graphing, and applying linear and quadratic equations. Also covered are topics using powers, exponents, functions, and polynomials, which will prepare the student for Geometry and Algebra 2. A basic calculator is required.

## **COURSE TITLE: GEOMETRY H**

PREREQUISITE: Algebra 1 H, Teacher Recommendation

GRADE LEVEL: 9

#### COURSE DESCRIPTION:

This course is designed for the student who completed Algebra I Honors in eighth grade and desires to stay on the Honors track. The content includes all properties of lines, angles, triangles, quadrilaterals, circles, and reasoning. A scientific calculator is required.

## **COURSE TITLE: GEOMETRY CP**

PREREQUISITE: Algebra 1 GRADE LEVEL: 10

#### COURSE DESCRIPTION:

This course is designed for the student who has completed Algebra I. The content includes all properties of lines. angles, triangles, quadrilaterals, circles, and reasoning. A scientific calculator is required.

#### **COURSE TITLE: ALGEBRA II H**

PREREOUISITE: Geometry H. Teacher Recommendation

GRADE LEVEL: 10

## COURSE DESCRIPTION:

This is the key course in maximizing SAT scores, by utilizing the concepts of general math, Geometry and Algebra I. The content includes linear, polynomial radical, exponential, logarithmic, and trigonometric expressions and equations. It also includes matrices, inequalities, radical functions, and functions. The T.I.84 or NumWorks graphing calculator is required.

## **COURSE TITLE: ALGEBRA II CP**

PREREQUISITE: Geometry CP

GRADE LEVEL: 11

#### COURSE DESCRIPTION:

Algebra is the fundamental language for communication in mathematics, science and technology fields. Algebraic principles are expanded through concepts. Procedures of more complex concepts (exponential, logarithmic, functional, higher degree, rational roots, trigonometric, etc.) are developed which will lead to advanced mathematics the following year. The T.I.84 or NumWorks graphing calculator is required.

## **COURSE TITLE: AP PRE-CALCULUS**

PREREQUISITE: Algebra II H, Teacher Recommendation

GRADE LEVEL: 11

# COURSE DESCRIPTION:

AP Precalculus is designed to prepare students for college-level mathematics and science courses. Students will develop an understanding of modeling and functions, and examine scenarios through multiple representations. The course framework outlines content and skills needed for careers in mathematics, physics, biology, health science, social science, and data science. AP Pre-Calculus will lay the foundation for a successful calculus year. This course includes rational, polynomial, exponential, logarithmic, and trigonometric functions and graphs, as well as matrices, conic sections, systems of equations and inequalities, and polar coordinates. The T.I.84 or NumWorks graphing calculator is required.

## **COURSE TITLE: COLLEGE ALGEBRA**

PREREQUISITE: Algebra I and II

GRADE LEVEL: 12

# COURSE DESCRIPTION:

This course is designed to reinforce and expound upon the basic algebra concepts learned in Algebra 2. The first semester will include a study of functions and their graphs, systems of linear equations, application problems, linear and quadratic inequalities, absolute value equations and inequalities, rational exponents, radicals, quadratic equations, ratios and proportions. Second semester will include a study of various types of equations and inequalities, functions and their inverses, theory of higher degree equations, systems of equations, logarithmic and exponential functions, conic sections, and sequences and series with the Binomial Theorem. The T.I.84 or NumWorks graphing calculator is recommended.

## **COURSE TITLE: AP® CALCULUS AB**

PREREQUISITE: Pre-Calculus H, Teacher Recommendation, Placement Test

GRADE LEVEL: 12

#### COURSE DESCRIPTION:

AP® Calculus AB is structured around three big ideas: limits, derivatives, and integrals and the Fundamental Theorem of Calculus. Students will learn to reason with definitions and theorems, connect concepts, implement algebraic/computational processes, connect multiple representations, build notational fluency, and communicate their knowledge to others. The T.I. 84 graphing calculator is required.

## **COURSE TITLE: AP® Statistics**

PREREQUISITE: Algebra II, Teacher Recommendation, Placement Test

GRADE LEVEL: 11 or 12

COURSE DESCRIPTION: AP ® Statistics is intended to teach students the major concepts and tools used for collecting, analyzing, and drawing conclusions from date. Students will select methods for collecting and analyzing data, describe patterns and trends in data, use probability and simulation as well as design surveys and experiments to communicate this information. The T.I.84 or NumWorks graphing calculator is required.

# PHYSICAL EDUCATION/HEALTH

## **COURSE TITLE: MIDDLE SCHOOL PHYSICAL EDUCATION**

GRADE LEVEL: 6-8

#### COURSE DESCRIPTION:

First Presbyterian Academy, Inc. offers a curriculum in both team and lifestyle sports. Team sports consist of volleyball, football, indoor and outdoor soccer, basketball, ultimate Frisbee, and handball as well as lifestyle sports and fitness highlight the curriculum. This course will teach students motor skills which will provide physical fitness and movement components including flexibility, cardio respiratory endurance, strength, speed, reaction time and agility.

## COURSE TITLE: PHYSICAL EDUCATION/HEALTH CREDIT

PREREQUISITE: Participation in a Varsity sport

GRADE LEVEL: 9-12

#### COURSE DESCRIPTION:

Beginning in the 2014-2015 school year, students are able to receive <u>0.5</u> credit hours for each season they play a Varsity sport. Two seasons of a varsity sport satisfies the PE/Health requirement. Students can also opt to take the following courses (for 0.5 credits each) to satisfy the requirement.

# COURSE TITLE: PHYSICAL EDUCATION/FITNESS AND CONDITIONING

GRADE LEVEL: 9-12 \*Semester-long course

## COURSE DESCRIPTION:

High School Fitness and Conditioning consists of strength training which includes a wide variety of exercises, lifts, and abilities to maximize total health and fitness. The student will gain a better understanding of the human muscles and how to target specific areas that will enable them to reach personal goals. The conditioning aspect of the class is sport-specific. This consists of speed, agility, coordination, strength and flexibility training.

## SCIENCE

#### **COURSE TITLE: SCIENCE 6 EARTH SCIENCE**

GRADE LEVEL: 6

#### COURSE DESCRIPTION:

This course promotes an interest in the various content areas of Earth Science. These include Earth's composition and changes on Earth's surface, air, and water. The students will be able to relate science to technology and current events. This course emphasizes the importance of knowledge and understanding of science through content, practice, and critical thinking. Various methods of assessing students include objective and subjective tests, labs, and major projects.

#### **COURSE TITLE: SCIENCE 7 LIFE SCIENCE**

GRADE LEVEL: 7

#### COURSE DESCRIPTION:

Life Science is specifically designed to introduce students to Biology on a level intended for their understanding. This course will introduce them to the world of living organisms that God has created. Students begin the year learning about what makes a true living organism and progress to cells, genetics, bacteria, protists, fungi, plants, and animals.

## **COURSE TITLE: SCIENCE 8 PHYSICAL SCIENCE**

GRADE LEVEL: 8

#### COURSE DESCRIPTION:

This course provides an overview in the areas of physics and chemistry. Concepts include measurements, matter, organic and inorganic compounds, periodic table and simple forms of energy, magnetism, light, sound, heat and electricity. This course is oriented towards practical laboratory investigations.

#### **COURSE TITLE: BIOLOGY CP**

Lab Science

GRADE LEVEL: 9

# COURSE DESCRIPTION:

This course covers the major principles of Biology. Included are such areas as the fundamental structure and function of cells, genetics, creation/evolution study, plant and animal anatomy, and human anatomy. This is a required course for graduation. Laboratory work will include comparative dissections of several specimen and various other labs which will demonstrate concepts covered in class.

## **COURSE TITLE: BIOLOGY H**

Lab Science

PREREQUISITE: Teacher Recommendation

GRADE LEVEL: 9

## COURSE DESCRIPTION:

This honors-level course encompasses interrelationships of living things, levels of biological organization, human biology, social implications, biochemistry, and genetics. This is a faster paced course and more in-depth than Biology CP. Laboratory work will include dissections of several specimens and Pre-AP® Biology level labs that cover the main concepts such as osmosis and diffusion, enzymes, genetics, comparative anatomy of animals, eubacteria, and ecology.

## **COURSE TITLE: CHEMISTRY CP**

Lab Science

PREREQUISITE: Algebra 1, Physical Science

GRADE LEVEL: 10

#### COURSE DESCRIPTION:

This is a course designed to provide a survey of inorganic and physical chemistry and an introduction to organic chemistry. Topics studied in this course include atomic structure, covalent and ionic bonding, chemical reactions, chemical calculations, acid, base and solution chemistry, radiochemistry and chemistry of hydrocarbons. Quantitative reasoning skills are developed and used where appropriate to enhance the understanding of these concepts. Labs are designed to develop lab skills and reinforce content.

## **COURSE TITLE: CHEMISTRY H**

Lab Science

PREREQUISITE: Algebra 1, Physical Science, and Teacher Recommendation

GRADE LEVEL: 10

#### COURSE DESCRIPTION:

Honors Chemistry is an advanced comprehensive high school chemistry course. The Honors Chemistry class will move more quickly through foundations of chemistry in order to allow more time for advanced topics and labs. It is designed to study matter, design of atoms, the periodic table, bonding, formulas, reactions, solutions, acids, bases, stoichiometry, kinetic theory, electrochemistry; to survey organic chemistry and biochemistry; and to discuss nuclear chemistry. Labs are designed to develop lab skills and reinforce content. The experiments in the laboratory exercises incorporate the following tasks in problem solving: planning and designing, performance, analysis, and application.

# COURSE TITLE: HUMAN ANATOMY AND PHYSIOLOGY CP

Lab Science

PREREQUISITE: Biology, Chemistry (recommended)

GRADE LEVEL: 11

#### COURSE DESCRIPTION:

This course is for those interested in science-related fields. Anatomy and physiology is a discussion and laboratory based study of the human body. The study will range from molecules, cells, body systems, and processes. Dissection of a fetal pig and a cat and other appropriate organs will complement course work as well as labs including membrane transport, blood typing, chemical digestion, etc. This course is designed for college preparation, especially for biology and health career majors.

# COURSE TITLE: PHYSICS H

Lab Science

PREREQUISITE: Chemistry, Algebra II H, Geometry H

GRADE LEVEL: 11

#### COURSE DESCRIPTION:

The course in Physics includes motion, forces, vectors, gravitation, momentum, work, energy and simple machines, energy, waves, sound, light, electricity, circuitry, fields, quantum theory, and nuclear applications. The T.I. 84 calculator is required. Laboratory work is required.

## COURSE TITLE: PSYCHOLOGY H

PREREQUISITE: 3 Lab Sciences

GRADE LEVEL: 12

# COURSE DESCRIPTION:

Honors Psychology is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. Honors Psychology will offer students the opportunities to learn about the explorations and discoveries made by psychologists over the past century. Students will get the chance

to assess some of the differing approaches adopted by psychologists, including biological, behavioral, cognitive, humanistic, psychodynamic, and sociocultural perspectives. Students will also learn the basic skills of psychology research and develop critical thinking skills. Honors Psychology course aims to provide students with a learning experience equivalent to that of most college introductory psychology courses.

# **COURSE TITLE:** AP® BIOLOGY (online only)

Lab Science

PREREQUISITE: Algebra II, Biology H, Chemistry H, Teacher Recommendation, Placement Test

GRADE LEVEL: 12

#### COURSE DESCRIPTION:

The AP® Biology course is designed to give students a college-level survey course by focusing on enduring, conceptual understandings and the content that supports them, allowing students to develop the reasoning skills necessary to engage in scientific practices. Students will learn the underlying principles, theories, and processes governing living organisms and biological systems while advancing their inquiry and reasoning skills such as designing a plan for collecting data, analyzing data, applying mathematical routines, and connecting concepts in and across domains.

# COURSE TITLE: AP® ENVIRONMENTAL

Lab Science

PREREQUISITE: Algebra II, Biology H, Chemistry H, Teacher Recommendation, Placement Test

GRADE LEVEL: 11 and 12

#### COURSE DESCRIPTION:

This course is designed to allow students to explore and investigate the interrelationships of the natural world and analyze environmental problems, both natural and human-made. Students will explain environmental concepts and processes, apply quantitative methods in problem solving, and analyze research studies to identify hypotheses.

# **SOCIAL STUDIES**

## **COURSE TITLE: WORLD HISTORY 6**

GRADE LEVEL: 6

## COURSE DESCRIPTION:

World History 6 begins with a study of the earliest human societies and concludes with the Middle Ages. The purpose of the course is to survey the social, political, intellectual, cultural, and economic forces that operated in past civilizations and to determine how they contributed to our present world. Emphasis will be placed on reading primary sources, understanding the influence of geography on history, and developing the tools necessary for historical research.

#### **COURSE TITLE: WORLD HISTORY 7**

GRADE LEVEL: 7

#### COURSE DESCRIPTION:

World History 7 begins with a study of the Renaissance and Reformation and continues to modern times and events such as the September 11th attack on United States soil. Major topics include the Scientific Revolution, Enlightenment, American Revolution, French Revolution, Industrial Revolution, Nationalism, Imperialism, World War I, World War II, and the Cold War. The students will explore European geography to discover how geography dictated historical events throughout world history. In this course students will also develop research, writing, and debate skills as they analyze and apply historical concepts.

## **COURSE TITLE: US HISTORY 8**

GRADE LEVEL: 8

#### COURSE DESCRIPTION:

United States History 8 is a survey course beginning with the founding of the country and proceeding to the present day. Emphasis is placed on the characteristics that commonly define each major period of time as well as the transitional events that led to changes. Students will learn how personalities, politics, technology, religion, economics, geography, and ideas have worked together in shaping our nation.

## **COURSE TITLE: HUMAN GEOGRAPHY CP**

GRADE LEVEL: 9

#### COURSE DESCRIPTION:

Human Geography examines current global issues that impact our world today. This course takes a thematic approach to understanding the development of human systems, human understanding of the world, and human social organization. Students will analyze the nature of social, economic, political, environmental, and cultural elements within society.

## COURSE TITLE: AP HUMAN GEOGRAPHY

PREREQUISITE: Teacher Recommendation, Placement Test

GRADE LEVEL: 9

#### COURSE DESCRIPTION:

AP Human Geography is an introductory college-level human geography course. Students cultivate their understanding of human geography through data and geographic analyses as they explore topics like patterns and spatial organization, human impacts and interactions with their environment, and spatial processes and societal changes.

#### **COURSE TITLE: U.S. HISTORY CP**

GRADE LEVEL: 10

#### COURSE DESCRIPTION:

US History CP is an academic, year-long course with a comprehensive coverage of American history from the pre-colonial period to the present. Students will engage with a variety of sources including primary documents, maps, simulations, debates, videos, lectures, and computer-technology assignments. The content of the course will cover all major aspects of American history during that period including political, diplomatic, intellectual, cultural, economic, and social history. Students will also learn historical thinking and writing skills that will set them up for success in future social studies/history courses.

# **COURSE TITLE: AP® U.S. HISTORY**

PREREQUISITE: Teacher Recommendation, Placement Test

GRADE LEVEL: 10

#### COURSE DESCRIPTION:

AP® US History covers the spectrum of American history from pre-Columbian days to the present. Using chronological and thematic approaches to the material, the course exposes students to extensive primary and secondary sources and to the interpretations of various historians. The course themes include 1) identity, 2) work, 3) exchange and technology, 4) people, 5) politics and power, 6) America in the world, 7) environment and geography, and 8) ideas, beliefs, and culture. Students will develop the content-driven skills of crafting historical arguments, chronological reasoning, comparison and contextualization of various historical events and processes, and historical interpretation and synthesis. Students will practice developing their analytical and interpretive writing skills, practicing short-answer questions as well as document-based and long-essay questions.

## COURSE TITLE: WORLD HISTORY CP

GRADE LEVEL: 11

#### COURSE DESCRIPTION:

World History 1 CP is an academic, year-long course with a focus on the development of human interaction and the global processes that have shaped history from ancient civilization to the Modern Era. Students will engage with a variety of sources including primary documents, maps, simulations, debates, videos, lectures, and computer-technology assignments. The content of the course will be presented chronologically and through several major themes, including contacts between cultures, goods, and ideas, definitions of identity and various criteria for studying civilizations. Students will also learn historical thinking and writing skills that will set them up for success in future social studies/history courses.

## **COURSE TITLE: AP® EUROPEAN HISTORY**

PREREQUISITE: Teacher Recommendation, Placement Test

GRADE LEVEL: 11

#### COURSE DESCRIPTION:

AP® European History is a challenging college-level course that is structured around the investigation of five course themes and 19 key concepts in four different chronological periods from the Renaissance to the present. The course themes include 1) interaction of Europe and the world, 2) poverty and prosperity, 3) objective knowledge and subjective visions, 4) states and other institutions of power, and 5) individual and society. Multiple opportunities will be provided for examining primary sources as well as gaining exposure to both factual narrative and the interpretations of various European historians. Students will develop the content-driven skills of crafting historical arguments, chronological reasoning, comparison and contextualization of various historical events and processes, and historical interpretation and synthesis. Students will practice developing their analytical and interpretive writing skills, practicing short-answer questions as well as document-based and long-essay questions.

## **COURSE TITLE: ECONOMICS CP**

GRADE LEVEL: 12
\*Semester-long course

#### COURSE DESCRIPTION:

Economics will focus on the basic foundations of micro and macroeconomics. Emphasis will be placed on both the benefits of free market capitalism when reasonably regulated by a legitimate government. While learning these foundations, students will apply their gained knowledge of economics to current events, including the creation of a stock market portfolio. Students will also learn the importance of stewardship and generosity associated with the Gospel of Christ.

## **COURSE TITLE: GOVERNMENT CP**

GRADE LEVEL: 12
\*Semester-long course

## COURSE DESCRIPTION:

Students will learn the basic structure of the United States government as laid out in the Constitution. In addition, students will learn how the roles of each branch of government have evolved over time. Emphasis will be placed on politics and the dynamics of the election process. Students can expect to do a project related to the current political climate during the course of the semester (e.g. Presidential or congressional elections, budget issues, Supreme Court nominations, etc.) Emphasis will also be placed on the danger associated with Christians conflating the role of government with the work the Holy Spirit does through the Church.

# **HIGH SCHOOL ELECTIVES**

## COURSE TITLE: TEACHERS FOR TOMORROW

Elective

GRADE LEVEL: 11–12 \*Elective or Year-long course

#### COURSE DESCRIPTION:

The main purpose of this course is to acquaint high school students with a number of aspects of being a professional educator and the Christian Teacher's role in changing lives through the ministry of teaching. A variety of tools such as readings, discussions, and practical projects/experiences are used to achieve this purpose. This program is designed to be a survey of the field of education, especially through the eyes of a teacher.

#### **COURSE TITLE: SHOW CHOIR**

Fine Art

GRADE LEVEL: 9-12 \*Year-long course

#### COURSE DESCRIPTION:

Join the rhythm, feel the beat, and let your voice soar in our Show Choir class! Dive into the vibrant world of music and movement as we blend harmonies, choreography, and show-stopping performances. From Broadway hits to pop sensations, this class is your stage to shine. Unleash your creativity, build confidence, and make lifelong memories with friends as we create magic together on stage. Get ready to dazzle the audience and be part of something extraordinary!

## **COURSE TITLE: TECHNICAL THEATRE**

Fine Art

GRADE LEVEL: 9-12

Step behind the curtain and into the captivating world of Technical Theatre! Explore the artistry and mechanics that bring performances to life, from set design and construction to lighting, sound, and stage management. Get hands-on experience with equipment, learn industry-standard techniques, and unlock the secrets of creating immersive theatrical experiences. Whether you're a budding designer, a backstage wizard, or a master of organization, this class is your backstage pass to the magic of the theatre. Join us as we illuminate the stage, shape the scenery, and bring imagination to reality!

COURSE TITLE: ART Fine Art

GRADE LEVEL: 9-12 \*Semester-long course

#### COURSE DESCRIPTION:

High School Art is designed to be for any student regardless of artistic ability or interest. The course will focus on building skills where you are. This course helps build creativity, problem solving, and following directions well. Students will learn basic principles of design and color theory through the class, as well as some art history. Each project differs between drawing, painting, and sculpture. Projects constitute test grades, and students will be assessed through quizzes, daily grades and sketchbook checks.

## COURSE TITLE: YEARBOOK

Fine Art

PREREQUISITE: Approval from Yearbook Instructor GRADE LEVEL: 9-12

\*Year-long course

#### COURSE DESCRIPTION:

Students who are strong in English and/or graphic design, have strong computer skills or a willingness to learn, are interested in a deadline focused environment, and are willing to think outside the box are encouraged to take

this dynamic course. Planning, selling ads, photography, conducting interviews, and caption writing are essential skills used to produce a spectacular annual yearbook for the school. Space is limited.

# MIDDLE SCHOOL ELECTIVES

#### **COURSE TITLE: ART**

GRADE LEVEL: 6-8

#### COURSE DESCRIPTION:

Middle School Art is designed to be for any student regardless of artistic ability or interest. The course will focus on building skills where you are. This course helps build creativity, problem solving, and following directions well. Students will learn basic principles of design and color theory through the class, as well as some art history. Each project differs between drawing, painting, and sculpture. Projects constitute test grades, and students will be assessed through quizzes, daily grades and sketchbook checks.

#### **COURSE TITLE: MS CHOIR**

GRADE LEVEL: 6-8

#### COURSE DESCRIPTION:

Calling all singers and music enthusiasts! Get ready to harmonize, perform, and ignite your passion for music in our Middle School Choir class. Join a vibrant community of voices as we explore a diverse repertoire of songs, from timeless classics to contemporary hits. Through fun vocal exercises, group rehearsals, and exciting performances, you'll develop your singing skills, build confidence, and forge lifelong friendships. Whether you're a seasoned vocalist or just starting out, this class is your stage to shine and share your love for music with others. Come join us and let your voice be heard!

## **COURSE TITLE: DRAMA**

GRADE LEVEL: 6-8

## COURSE DESCRIPTION:

Welcome to the stage where stories come alive and characters find their voice! In our Drama class, you'll explore the boundless realms of acting, improvisation, and theatrical expression. Dive into the rich tapestry of dramatic literature, from classic plays to contemporary scripts, as you hone your performance skills and unleash your creativity. Through immersive exercises, scene work, and character development, you'll discover the power of empathy, communication, and self-discovery. Join us as we embark on a journey of self-expression, collaboration, and the art of storytelling. Whether you dream of treading the boards of Broadway or simply seek to unlock your inner actor, this class is your spotlight to shine!

## **COURSE TITLE: INTRODUCTION TO STEM**

GRADE LEVEL: 6-8

# COURSE DESCRIPTION:

Introduction to STEM is a course that will challenge the way students think about and use technology in their lives. Students will be challenged to develop their research and observational skills to help identify real-world problems, challenges, or opportunities. Students will be taught practical applications of scientific and mathematical principles in ways that promote problem-solving thinking. Students will collaborate through the cloud to design prototypes for real world testing using 3D scanners and printers and CAD software to complete assignments and assessments.