



Upper School Course Guide

Westminster Academy is a Christ-centered, biblically-based college preparatory school dedicated to equipping covenant students to excel by using their gifts and talents for God's glory.

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GRADE POINT AVERAGE (GPA)

The cumulative Grade Point Average (GPA) is calculated using 8 semesters of grades beginning with the student's ninth-grade year. Honors courses receive .5 additional quality point if either an A or B is earned. Advanced Placement and Dual Enrollment courses receive 1.0 additional quality points if either an A, B or C is earned. Westminster Academy's cumulative GPA includes only those courses taken at WA in grades 9-12 and their FLVS equivalents.

GPA WEIGHTED TABLE

Grade	% Range	Standard	Honors	AP/DE
A	90–100	4.0	4.5	5.0
B	80–90	3.0	3.5	4.0
C	70–79	2.0	2.0	3.0
D	60–69	1.0	1.0	1.0
F	0–59	0	0	0
I (Incomplete)	0	0	0	0

ADVANCED COURSE OFFERINGS

Advanced Placement (AP)—college credit may be earned by passing the course’s AP exam*

Dual Enrollment (DE)—college credit may be earned with a “C” or better

*Students who take AP courses must take the end-of-course College Board exam in May, or they will be stripped of the AP designation on their transcript and the 1.0 honors credit in their cumulative GPA.

AP CLASSES

English Language & Composition
 English Literature & Composition
 Capstone Seminar
 Capstone Research
 European History
 U.S. History
 U.S. Government & Politics*
 Human Geography
 Comparative Government & Politics*
 Biology
 Chemistry
 Environmental Science

Physics I
 Precalculus
 Calculus AB
 Calculus BC
 Computer Science Principles
 Computer Science Applications
 Spanish Language & Culture
 Latin
 Studio Art 2D
 3D Art & Design
 AP Drawing

*Semester course = 0.5 credit

DE CLASSES

MAT 1853 College Algebra*
 MAT 1863 DE Trigonometry
 & Analytical Geometry
 MAT 2804 Calculus I
 PSY 2133 Psychology**

ECO 2343 Macroeconomics***
 ECO 2353 Microeconomics***
 BUS 1183 Introduction to Business***
 LCF 1500 Intro to Life Calling

*Semester course

**Summer school course

***Both semester and summer school course

PLACEMENT

Placement for advanced courses (honors and higher) is based on

- “A” grade in prerequisite courses
- Meeting benchmarks on PSAT scores
- Achieving “High” or “High Average” MAP scores
- Teacher recommendation based on motivation, study skills, and performance

DUAL ENROLLMENT ELIGIBILITY

Students may take Dual Enrollment courses on our campus taught by Westminster Academy faculty if they meet the following criteria:

- Must have completed 9th grade year
- Minimum 3.0 unweighted high school grade point average (GPA)
- College-level test scores in all areas—English, Reading, and Math

RECOMMENDED ACT SCORES

Subject	Pre-ACT (9th grade)	ACT (10/11th grade)
English	14	18
Reading	19	22
Math	19 (21*)	22

RECOMMENDED SAT SCORES

Subject	PSAT 10	PSAT 11	SAT
Reading	430	460	480
Math	480	510	530

Students must earn a grade of "C" or better in each college course for continued eligibility.

**Higher score required for math subjects.*

GRADUATION REQUIREMENTS & DIPLOMAS

Promotion requirements to 10th grade—7 credits; to 11th grade—13 credits; to 12th grade—20 credits

All students must successfully complete the research paper requirements of their English class to be promoted to the next grade level.

COMMUNITY SERVICE

A minimum of 100 community service hours must be served during high school.

Completion of the following diploma program meets the requirements for Bright Futures, Florida's state universities, and NCAA qualification.

ACADEMIC DIPLOMA

Subject	Credits
Bible: One credit for each year the student attends WA for high school	4
English	4
Math (<i>Algebra I, Geometry, Algebra II, one additional</i>)	4
Social Studies (<i>World/Western Civilization, U.S. History, U.S. Government & Economics, one additional</i>)	4
Science (<i>Biology, Chemistry, two additional</i>)	4*
World Language	2
Fine Art	1
Physical Education	1
Additional Credits	2
TOTAL CREDITS	26

Students must maintain a 2.0 weighted cumulative GPA.

**Only 3 science required, beginning with the Class of 2028*

HONORS DIPLOMA

Students must complete at least eight honors courses.

Subject	Credits
Bible: One credit for each year the student attends WA for high school	4
English	4
Math (Algebra I, Geometry, Algebra II, one additional)	4
Social Studies (<i>World/Western Civilization, U.S. History, U.S. Government & Economics, one additional</i>)	4
Science (<i>Biology, Chemistry, two additional</i>)	4*
World Language (2 credits of Latin, 1 credit of Latin plus 2 credits of a language, or 3 credits of Spanish or 1 credit of AP Seminar and 1 credit of AP Research)	3
Fine Art	1
Physical Education	1
Additional Credits	1
TOTAL CREDITS	26

Students must maintain a 3.0 weighted cumulative GPA.

*Only 3 science required, beginning with the Class of 2028

SCHOLARS DIPLOMA

Students must complete at least eight honors courses, with a minimum of 5 Advanced Placement or Dual Enrollment courses.

Subject	Credits
Bible: One credit for each year the student attends WA for high school	4
English	4
Math (Algebra I, Geometry, Algebra II, one additional)	4
Social Studies (<i>World/Western Civilization, U.S. History, U.S. Government & Economics, one additional</i>)	4
Science (<i>Biology, Chemistry, two additional</i>)	4
World Language (2 credits of Latin, 1 credit of Latin plus 2 credits of a language, or 3 credits of Spanish, or 1 credit of AP Seminar and 1 credit of AP Research)	3
Fine Art	1
Physical Education	1
Additional Credits	1
TOTAL CREDITS	26

Students must maintain a 3.75 cumulative weighted GPA.

STEM ENDORSEMENT

Science: Biology, Chemistry, and Physics at the honors level or higher	4
Technology: Computer Science Honors or AP Computer Science	1
Mathematics: including at least two classes at the honors level or higher	4
Robotics	1
Engineering: involvement with Robotics as a class, club, or a combination	3 years
Independent Group or Individual Competition	2 years

All classes must be completed with an 80% grade average or higher.

GRADUATION RECOGNITIONS

SCHOLARSHIPS

- Academic
- Athletic
- Fine Art

DIPLOMAS

- Scholars Diploma
- Honors Diploma
- Academic Diploma

STOLES

- Westminster Academy Ambassador—Red
- National Honor Society—White
- AP Scholars—Red
- AP Capstone Diploma Candidate—Red
- Cords
- Christian Service Outreach Honor Cord—Silver
- Key Club—Navy Blue
- Westminster Academy Lifer—Red, White & Blue

- International Thespian Society—Blue/Gold
- National Art Society—Rainbow
- National Latin Honor Society—Purple/Gold
- Pre-Med Club—Red/White
- Quill & Scroll Journalistic Honor Society—Royal/Gold
- Spanish National Honor Society—Red/Gold
- Youth Leadership Broward—Red

MEDALS

- Summa Cum Laude All Semesters
- Student Council Officer
- More than 500 Hours of Service
- More than 1,00 Hours of Service

COLLEGE BOARD

- National Recognition Awards

BRIGHT FUTURES

GRADE POINT AVERAGE (GPA)

3.5 weighted GPA. For advanced courses, weighting is prescribed by law at .50 per course per year. (Note: GPAs are not rounded.)

REQUIRED CREDITS

- 4 English (three with substantial writing)
- 4 Mathematics (Algebra I level and above)
- 3 Natural Science (two with substantial lab)
- 3 Social Science
- 2 World Language (sequential, in the same language)

Total of 16 Credits

Students may use up to two additional optional credits from courses in the academic areas listed above, including AP, to raise their GPA if necessary.

WEBSITE

<https://www.floridastudentfinancialaidsg.org/SAPBFMAIN/SAPBFMAIN>

7TH & 8TH-GRADE COURSES

7TH GRADE OFFERINGS:

Math 7

This course stresses problem-solving skills. Topics include powers and exponents, algebraic expressions, analyzing data, fractions, decimals, percent, geometry, linear equations, integers and the coordinate plane, and probability.

Pre-Algebra Honors 7

This course is a preparation for the study of algebra concepts. Topics include integers, solving equations, factoring, fractions, real numbers, ratios, proportions, percent, inequalities, functions, graphing, slope, polynomials, and geometry.

English 7

The English 7 curriculum focuses on grammar, composition, and literature, emphasizing critical analysis and the connection between texts and Biblical principles. Students engage with literature through annotation, dramatization, discussion, and composition while developing critical thinking, research, and writing skills across narrative, expository, and persuasive forms. Vocabulary skills are enhanced using the adaptive online program Membean, tailored to each student's needs.

Honors English 7

The Honors English 7 curriculum covers grammar, composition, and literature with a focus on critical analysis and the connection to Biblical principles. Students engage with literature through annotation, seminar discussions, and composition while developing critical thinking, research, and writing skills in narrative, expository, and persuasive forms. This advanced course, requiring self-motivation and independent study, includes a faster pace, more assignments, and vocabulary development through the Membean program. It is also available to students who meet specific criteria and teacher recommendations.

Life Science 7

Life science is part of an integrated science curriculum that explores the form and function of living things. Plant and animal taxonomy, morphology, and physiology are emphasized. The study of life science so obviously points to the thoughtful design of life provided by a Creator. As students learn about the details of amazingly unique plants and creatures, we will constantly marvel at God's handiwork in His creation. Life Science is the scientific study of living organisms and once-living things. This course will cover the structure, characteristics, and categories of bacteria, plants, animals, and human beings.

History 7

This course covers the history of the United States, beginning with Native American societies and the era of exploration, including Spanish, Dutch, French, and English colonization, and the development of the English colonies. It explores the emergence of an American identity, the American Revolution, the Constitution, the evolution of the presidency, territorial expansion, and the role of slavery leading to the Civil War. The curriculum also examines the Industrial Revolution, the Progressive Era, World War I, the Great Depression, World War II, the Civil Rights Movement, the Vietnam War, and the events leading up to the crisis of 9/11. Historical events are discussed, analyzed, applied, and evaluated through the lens of biblical truth. Students are required to deliver multiple presentations on various topics, with an emphasis on geography, which includes map tests focusing on the Americas.

Bible 7

The goal of this course is to help students develop a cohesive Christian worldview through which they can interpret the world around them and respond to it biblically in both their thoughts and actions. Students will be prepared to answer the big questions about God, the universe, people, truth, and right and wrong. Furthermore, this course will equip students to identify, analyze, critique, and evaluate the inherent contradictions and false ideas of three competing worldviews—Islam, naturalism, and new spirituality. As this is a correlated worldview and Bible survey course, students will also examine the major themes and truths of Christianity within the framework of the Bible.

ELECTIVES

Office Applications 7

Office Applications is a semester course in which students will develop advanced skills in Microsoft Word, Excel, and PowerPoint, using simulated labs to establish proficiency as Microsoft Office Specialists.

Art Exploration 7th/ 8th grade

This course expands the theme of STEAM-based ART. We will explore a variety of art mediums, create simple machines, create and learn the basics of art and design in this course. A variety of art materials are investigated. Students will learn about the relationships of Art and Design and its relationship to technology, science, math, and engineering. Both 2-dimensional and 3-dimensional art projects will be explored in this class. This is a semester course.

WORLD LANGUAGES

In the seventh grade, students can choose their primary language of interest, continuing in Latin or Spanish for a full year every other day. As an elective credit, this class is recommended for those interested in working in 8th grade towards a full high school credit for introductory coursework (high school Spanish I or Latin I). Students who successfully complete a World language in grades 7 and 8 will enter their high school language classes with a strong foundation for continued advancement and will have earned a high school credit.

Latin 7

Balancing workload with enrichment activities, the curriculum offers a more in-depth study of Latin derivatives and word roots to enrich students' English vocabularies. Readings from the Latin for Children Primer B cover topics from the Middle Ages in harmony with learning in 7th-grade History. This course offers students a jumpstart for high school language learning, promoting a linguistic skill set that is proven to help cognition and prepare for standardized tests such as the PSAT/SAT/ACT.

Latin 8

Qualified 8th-grade students may elect to take the full high school introductory course (high school Latin I) following the same course pace and curriculum. See Latin I.

Spanish 7

Focusing on conversational skills, the curriculum offers further practice in reading, writing, and listening in Spanish. Students will explore the culture and geography of Hispanic countries. They will enjoy many benefits by learning a language spoken by millions across the nation as well as here in South Florida.

Spanish 8

Qualified 8th-grade students may elect to take the full high school introductory course, high school Spanish I, following the same course, pace, and curriculum. See the high school Spanish I course description.

8TH GRADE OFFERINGS

Pre Algebra 8

This course is a preparation for the study of algebra concepts. Topics include integers, solving equations, factoring, fractions, real numbers, ratios, proportions, percent, inequalities, functions, graphing, slope, polynomials, and geometry.

Algebra 1 Honors 8

This course focuses on problem-solving using the language of algebra. Topics include real numbers, equations, inequalities, linear functions, graphs, systems of equations and inequalities, exponents and exponential functions, polynomials, rational expressions and equations, irrational and complex numbers, Pythagorean theorem, square roots, and quadratic functions.

Geometry Honors 8

This course is designed to advance geometric understanding and to develop inductive reasoning skills as well as problem-solving skills. Using geometric conjectures is stressed while introducing logical thought processes through geometric proofs. Topics include inductive reasoning, triangle relationships, geometric proofs, quadrilaterals, similarity, measuring in the plane, measuring in space, right triangle trigonometry, and circles, including tangent and secant lines.

English 8

The English 8 curriculum covers studies on grammar, composition, and reading literature. Grammar studies include phrases, clauses, sentence types, usage, and writing application. The course critically analyzes modern literary forms and stresses the relationship between the text and Biblical principles. Students evaluate literature through annotation, dramatization, discussion, and composition. Classroom discussions and various independent projects or presentations further develop critical thinking and hone research practices and composition exercises, which further develop narrative, expository, and persuasive writing skills. This course will also increase vocabulary skills through the use of the online program Membean, an adaptive program individualized to each student's vocabulary abilities.

Honors English 8

The Honors English 8 curriculum focuses on grammar, composition, and literature with an emphasis on critical analysis and Biblical principles. Students engage in literature evaluation through annotation, dramatization, discussions, and composition while enhancing writing skills in narrative, expository, and persuasive forms and expanding vocabulary through the Membean program. This rigorous course, designed for self-motivated learners, requires additional work, independent study, and teacher recommendations based on academic performance and behavior.

Physical Science 8

Physical Science is part of an integrated science curriculum that investigates matter and its motion in God's universe. The selected topics are studied from a descriptive approach using both discussion and lab techniques, which are the foundations of modern science scientific methods, scientific tools, measuring systems, lab safety, properties and behavior of matter, matter in motion, and energy and machines.

Civics 8

This course is designed to engage students in the study of government, economics, and their roles as informed citizens. This course provides a thorough understanding of the foundations of the U.S. government, the principles of democracy, and the functioning of the economy. It includes interactive activities, real-world examples, and critical thinking exercises to help students connect civics and economics to their daily lives. With a focus on fostering active participation in society, this course equips students with the knowledge and skills necessary to be responsible citizens in a democratic society.

Bible 8

In this course, students will study the Bible as the authoritative text to understand the key tenets of the Christian worldview, including Creation, the Fall, Redemption, and Restoration, using key passages such as Genesis 1:27-31, Romans 5:12, and Revelation 21:1-4. They will also compare Christianity with other worldviews in areas like theology, philosophy, psychology, and ethics, exploring why Christianity provides the most coherent answers to fundamental questions about God, morality, creation, and the nature of humanity. The course aims to equip students with real-world applications, teaching them to explain the biblical worldview, shape spiritual formation, think critically, encourage evangelism, engage in apologetics, and influence culture for Christ.

ELECTIVES

Applied Digital Skills 8

Students learn first-hand how computer applications can be used in real-world projects, such as preparing an annual sales forecast, creating a restaurant menu, and designing a promotional reward card. Each project will receive a work order request from a client and must draw on their computer application, decision-making, and critical thinking skills to plan, create, revise, and produce a professional document.

HIGH SCHOOL COURSES

BIBLE

BIBLE REQUIREMENTS

Students must take one full credit of Bible for each year in attendance at WA.

GRADE 9 OFFERINGS

Old Testament Survey

1 Credit (Required)

This course is designed to help students grow in the love and understanding of God's Word through an in-depth study of the major stories from the Old Testament. Students will be taught to see the Bible through God's plan in redemptive history that integrates the entirety of Scripture around the Lord Jesus Christ. As Jesus said, "It is these (all the Scriptures) that testify about Me" (John 5:39). With a focus on the most famous passages of the Old Testament, this course will show how God sovereignly ordained various stories from the Old Testament to occur as a means of foreshadowing the life, death, and resurrection of Jesus Christ. As Martin Luther once declared, "The New Testament is nothing but a revelation of the Old Testament as if one were in possession of a sealed letter and then later on opened it."

GRADE 10 OFFERINGS

New Testament Survey: Christ & Culture

1 Credit (Required)

This course is designed to help students grow in the love and understanding of God's Word through an in-depth study of the mission of Jesus the Messiah from the New Testament. Students will be taught to see the Bible through covenantal lenses that integrate the entirety of Scripture around the Lord Jesus Christ and his mission to redeem the world.

GRADE 11 OFFERINGS

World Religions

1 Credit (Required)

This course will contain three primary areas of study. Each area will be viewed through the lens of Holy Scripture as it applies to the "big picture" of God's redemption of man. The first area of study is false religions and cults. Students will gain an understanding of their influence on the church, its beliefs, and the culture around us. Second, students will study the life and theology of the Apostle Paul. They will look at his life from birth to death, his dramatic conversion, and how God used him to take the law-free gospel to the Gentile world. Included will be the study of selected Pauline letters that define his theology and doctrine and an introduction to New Testament Greek. Third, students will study the Westminster Confession of Faith by examining its legitimacy as a rule and guide for belief and behavior in the Christian life. The purpose is to gain a systematized understanding of biblical truth so that they can grow in their knowledge and love for the Lord.

GRADE 12 OFFERINGS

Dual Enrollment Intro to Life Calling

1 Credit (Required)

This course focuses on students developing an understanding of their life's calling and the discovery of one's God-given design as a basis for this calling. Students are led to understand how work and individual leadership are best understood from this life-calling perspective. Students will evaluate their foundational values, unique design, and personal mission, as well as examine each component in an in-depth, integrated paper.

LCF1500 Intro to Life Calling, 3 College Credits, Ohio Christian University

ENGLISH LANGUAGE ARTS

GRADE 9 OFFERINGS: 1 CREDIT (REQUIRED)

World Literature & Composition I –English I **1 Credit**

This course emphasizes the development of writing skills as it focuses on a study of world literature, beginning with ancient writings and continuing through the Middle Ages. Students analyze the relationship between history, literature, philosophy, the arts, and life experiences. Students also work on vocabulary skills and complete a grammar review.

Classical Literature & Composition I –English I Honors **1 Credit**

This course focuses on the foundational literary works of Western Civilization and involves a challenging reading list. Students develop the skills of critical analysis and interpretation through writing, discussion, debate, and collaborative projects. This course is designed for the student who is highly motivated and willing to work independently. Students also work on vocabulary skills and complete a grammar review.

Prerequisites: "A" in 8th Grade English, "High Avg" on MAP Language and Reading

Speech **0.5 Credit (Required)**

Speech is a one-semester course designed to improve the student's communication skills. The goal is to benefit the student not only in school but in all life situations. Areas covered include interview, demonstration, and research skills, as well as persuasion techniques, impromptu speaking, oral interpretation, group presentation skills, and audience behavior. "Dailies" will be assigned, and each student will speak briefly each day; students must be prepared. Listening skills will also be developed to enhance both written and oral expression and to help foster a supportive class environment.

GRADE 10 OFFERINGS: 1 CREDIT (REQUIRED)

World Literature & Composition II –English II **1 Credit**

This course includes three areas of concentration: vocabulary, composition, including the research paper (MLA format) and review of grammatical usage skills, and world literature. Vocabulary preparation includes the use of Membean exercises and quizzes. Composition exercises stressing basic techniques such as comparing, contrasting, defining, and analyzing are used to develop more mature written expression, stressing the process of writing (pre-writing, first draft, editing, final draft) with the goal of producing mechanically accurate, organized, well-written expression. Emphasis is given to the organization and support of the writer's ideas. World literature is studied by historical periods beginning with the Renaissance. The students are taught the fundamentals of analyzing classical thought from a Christian perspective. While skills and study of literature are stressed, the course is designed to address maturation and the need to promote individual and critical thinking.

Prerequisite: English I or English I Honors

Classical Literature & Composition II Honors— English II Honors

1 Credit

This course includes preparation in world literature (reading, analysis, and criticism), composition (expository, research, and creative), vocabulary (literary context), and standardized test preparation. Included in this study of English is an application of the plumb line of Christianity to the viewpoints of the works examined. This course includes a grammar review and vocabulary studies in addition to an emphasis on the development of writing skills. Composition exercises are used to develop more mature written expression, stressing the process of writing with the goal of producing mechanically accurate, organized, well-written expression. This integrated approach is particularly exercised in the assignment of a five to seven-page (body only) research paper reflecting the periods studied in English and History in the sophomore year.

Prerequisites: "B" in English I Honors or "A" in English I, meeting benchmarks in standardized test scores

GRADE 11 OFFERINGS: 1 CREDIT (REQUIRED)

American Literature & Composition—English III

1 Credit

Eleventh-grade college prep English students read and study the literature of the United States, from the earliest New World journals of Columbus to the most contemporary writings of our own day. The goal is to gain an appreciation of what makes American literature uniquely "American." Students read a great variety of literature and then discuss and write about the various forces that forged the backbone of ideas of this peculiarly American body of literature. Students continue to learn how to read critically and carefully by using the Shared Inquiry approach to reading, which promotes high-level critical thinking as it encourages students to examine the text closely and to base their interpretations of it on recognizable clues within the text. The course also includes a writing program in which students write often in a variety of forms, including the personal, the narrative, the creative, the expository, and the analytical. Using a process approach to writing, students often write in phases, including brainstorming, prewriting, writing, editing, and revision. Students also learn how to gather and evaluate a wide variety of information from many different sources, including electronic, as they prepare and write a research paper.

Prerequisite: English II or English II Honors

American Literature & Composition Honors— English III Honors

1 Credit

Eleventh-grade honors English students read and study the literature of the United States, from the earliest New World journals of Columbus to the most contemporary writings of our own day. The goal is to gain an appreciation of what makes American literature uniquely "American." The course is designed as a much more intensive and fast-paced version of the standard course. Students read a great variety of literature and then discuss and write about the various forces that forged the backbone of ideas of this peculiarly American body of literature. Students continue to learn how to read critically and carefully by using the Shared Inquiry approach to reading, which promotes high-level critical thinking as it encourages students to examine the text closely and to base their interpretations of it on recognizable clues within the text. The course also includes a writing program in which students write often in a variety of forms, including the personal, the narrative, the creative, the expository, and the analytical. Using a process approach to writing, students often write in phases, including brainstorming, pre-writing, writing, editing, and revision. The writing component will include bi-weekly essay work and an intensively researched thesis-driven term paper.

Prerequisite: "B" in English II Honors or "A" in English II, meeting benchmarks in standardized test scores

AP English Language & Composition**1 Credit**

This course is designed for advanced junior students. It is essentially a college-level course offered to capable students, who, in turn, must be willing to devote the energy and time necessary to complete this course's rigorous standards. The emphasis of the course is on critical reading skills resulting in analysis, application, and synthesis in writing. In addition to composition and American literature, rhetorical analysis and critical thinking are essential components of this class. In addition to the study of American Literature required for all juniors, students take the AP Language and Composition Exam in May.

Prerequisite: "A" in English II Honors, writing sample with department approval, meeting benchmarks in standardized test scores

GRADE 12 OFFERINGS: 1 CREDIT (REQUIRED)**British Literature & Composition—English IV****1 Credit**

This course offers an overview of British literature from Anglo-Saxon times to modernity as it emphasizes the development of writing skills. Students will analyze the relationship between literature, history, philosophy, the arts, and life experiences. They participate in a variety of experiences, including discussion, debate, oral presentations, and collaborative projects. Students will also work on improving their vocabulary, and they will complete a grammar review.

British Literature & Composition Honors—English IV Honors 1 Credit

This course emphasizes the development of critical reading skills as well as both oral and written analysis of imaginative and challenging literature. The course emphasizes literature written by masters of the English language. Works studied date from the English Renaissance to the present day. An exhaustive glossary of literary terms is presented; these enable students to analyze good literature properly, provide the proper vocabulary for discussing these works, and equip students to apply literary devices in their own writing. The teacher serves as a discussion leader, critic, and scholar, encouraging the class to assume much of the responsibility for learning. This course equips students with the needed skills to function well in college and beyond.

Prerequisite: "A" in English III or "B" in English III Honors, meeting benchmarks in standardized test scores

AP English Literature & Composition**1 Credit**

This course is designed for high-performing senior students who intend to take the College Board AP Examination in Literature and Composition. It is essentially a college-level course offered to capable students, who, in turn, must be willing to devote the energy and time necessary to complete this course's rigorous standards. The course emphasizes the development of critical reading skills to enhance the students' oral and written analysis of challenging literature. Exposition and stylistic analysis are stressed, and an exhaustive glossary of literary terms is mastered not only to enable the students to analyze literature properly but also to provide the proper vocabulary for discussing these works, both in class and on the AP Literature and Composition Exam in May.

Prerequisite: "B" in AP English Language & Composition

ELECTIVE OFFERINGS

Yearbook Journalism

1 Credit

This class is a hands-on course in which students and teachers work closely together to produce the annual Optime. Students gain skills in page design, publishing, copywriting, editing, photography, record keeping, time management, teamwork, and leadership skills.

Prerequisite: Meeting benchmarks in standardized test English scores

Yearbook Journalism II-IV Honors

1 Credit

This is a project-based class where students collaborate to create the school's yearbook. Yearbook production includes theme development, layout design, photography, writing, editing, and marketing. Students will gain practical experience using digital publishing software and learn the fundamentals of graphic design and photojournalism.

Prerequisite: "A" in Yearbook I and Department approval

AP Capstone Seminar

1 Credit

AP Seminar is a year-long course in which students investigate real-world issues from multiple perspectives. Students learn to synthesize information from different sources, develop their own lines of reasoning in research-based written essays, and design and deliver oral and visual presentations, both individually and as part of a team.

Prerequisites: meeting benchmarks in standardized test English scores and exhibiting strong self-motivation

AP Capstone Research

1 Credit

Students further their skills acquired in the AP Seminar course by understanding research methodology, employing ethical research practices, and accessing, analyzing, and synthesizing information as they address a research question. Students explore their skill development, document their processes, and curate the artifacts of the development of their scholarly work in a portfolio. The course culminates in an academic paper of 4000-5000 words (accompanied by a performance or exhibition of product where applicable) and a presentation with an oral defense.

Prerequisite: "B" in AP Seminar

MATHEMATICS

Algebra I

1 Credit (Required)

This course focuses on and develops concepts and processes used for problem-solving, including application in the real world. Topics include foundations of algebra, equations and inequalities, functions and graphs, systems of equations and inequalities, exponents, polynomials and factoring, and radical and rational expressions and equations. Students who have successfully completed this course will be prepared for Geometry and Algebra II.

Geometry

1 Credit (Required)

This course is designed to advance geometric understanding and to develop inductive reasoning skills as well as deductive reasoning skills. Problem-solving using geometric conjectures is stressed while introducing logical thought processes through geometric proofs. Topics include geometric art, inductive reasoning, tools of geometry, reasoning, and proofs, parallel lines, congruent triangles, relationships within triangles, quadrilaterals, polygon properties, area, similarity, right triangle trigonometry, surface area, volume, and circles.

Prerequisite: Algebra I

— OR —

Geometry Honors

1 Credit

This course is designed to advance geometric understanding and to develop both inductive and deductive reasoning skills. Problem-solving using geometric conjectures is emphasized, while a logical thought process is introduced through the use of postulates and theorems in geometric proof. Topics include inductive reasoning, triangle relationships, geometric proof, polygons and quadrilaterals, similarity, right triangle trigonometry, area, volume, and circles, with an emphasis on application in the real world. Students who have successfully completed this course will be prepared for Algebra II Honors.

Prerequisite: "B" in Algebra I Honors, "A" in Algebra I

Algebra II

1 Credit (Required)

This course is an extension of Algebra I. The language of algebra is expanded to solve more complex algebraic equations. Selected topics include Linear equations and inequalities, systems of linear equations, linear models, quadratic equations, quadratic and absolute value functions, graphing and transformation of functions, polynomial functions, the Fundamental Theorem of Algebra, roots and radical expressions, and radical functions.

Prerequisite: Geometry

— OR —

Algebra II Honors

1 Credit

This course prepares the student for further study by developing algebraic skills and increasing knowledge of mathematical theory. Topics include The real number system, complex numbers, linear and quadratic equations, problem-solving, coordinate geometry and graphing techniques, conic sections, linear and quadratic functions, the composition of functions, polynomial and rational functions, systems of linear equations, matrices and determinants, logarithms, and SAT/ACT preparation. Students who qualify with an SAT, ACT, or PERT score and maintain an “A” in the class have the option of moving into Dual Enrollment College Algebra in the second semester with department approval.

Prerequisites: “B” in Geometry Honors or “A” in Geometry, “B” in Algebra I Honors or “A” in Algebra I, meeting benchmarks in standardized testing

Intermediate Algebra

1 Credit

This course is designed to help students strengthen their foundational mathematical skills, ensuring they are well-prepared for the demands of Algebra II and ready for college-level mathematics. Throughout the course, students will explore a variety of key mathematical concepts, including the manipulation and simplification of expressions and equations, as well as a deeper understanding of the number system. The course also covers important topics in functions, algebraic structures, and geometry, providing students with a solid grounding in these areas. In addition, students will engage with concepts related to numbers and quantity, as well as statistics and probability, learning how to analyze and interpret data effectively. By the end of the course, students will have developed the critical thinking and problem-solving skills necessary to succeed in higher-level math courses and beyond.

Prerequisite: Geometry

Math for College Algebra

1 Credit

This course is designed to develop and strengthen the skills necessary for mathematics at the college level by introducing and expanding upon topics from Algebra II, Geometry, and Trigonometry. Topics include radicals, exponents, functions and equations, systems of equations and inequalities, matrices and determinants, sequences and series, probability and odds, trigonometry, and exponential and logarithmic functions, with application throughout the course.

Prerequisite: Algebra 2

Pre-Calculus Honors

.5 Credit

This semester-long course is designed for students who have taken Algebra 2 Honors or Algebra with Trigonometry and have not started dual enrollment math courses. Topics include Fundamental concepts of Algebra, Polynomial and Rational Functions, Exponential and Logarithmic Functions, and Trigonometric Functions, including Law of Sines and Cosines, Conic Sections, Sequences, and Probability. Students who have the recommended SAT or ACT score, a 3.0 unweighted GPA and maintain an “A” in the class have the option of moving into Dual Enrollment College Algebra in the second semester with department approval.

Prerequisite: “A” in Math for College Algebra or “B” in Algebra II Honors, Corequisite: Dual Enrollment College Algebra

Dual Enrollment College Algebra*

1 Credit

This semester-long course covers a range of topics, including solving and graphing linear, absolute value, and quadratic inequalities; the properties of exponents and logarithms; solving radical, absolute value, exponential, and logarithmic equations; and understanding the properties and graphs of quadratic, absolute value, square root, cubic, and cube root functions. Students will also study systems of linear equations and inequalities, with real-world applications integrated throughout the course to reinforce the practical use of these concepts.

Prerequisites: "A" in Algebra II Honors, Math for College Algebra, or Pre-Calculus Honors, Palm Beach Atlantic University requirements and department approval. Corequisite: Pre-Calculus Honors MAT 1853 3 College Credits

Dual Enrollment Trigonometry & Analytical Geometry 1 Credit

This pre-calculus offering lays the foundation for advanced study in mathematics. The topics considered require a strong algebra background and basic knowledge of geometric concepts. Topics include trigonometric functions, analytic trigonometry, trigonometric and parametric equations, polar coordinates, vector applications, and conic sections (including rotation of axes). A graphing calculator is recommended. (Instruction will be given using the TI-83/84 Plus.)

*Prerequisites: "C" or better in College Algebra, Palm Beach Atlantic University requirements, and department approval
MAT 1863 - 3 College Credits*

Dual Enrollment Calculus I

1 Credit

Introduction to analytic geometry, limits, continuity, differentiation of algebraic and trigonometric functions, differentials, introduction to integration, and the fundamental theorem of calculus. Use of mathematical technologies in instruction and assignments. Students will also develop problem-solving skills through practical applications and real-world examples, preparing them for advanced studies in mathematics and related fields.

*Prerequisites: MAT 1863 - Trigonometry & Analytical Geometry with a grade of "C" or better
MAT 2804 - 3 College Credits*

**All Dual Enrollment math classes are one semester and are worth one credit. FLDOE college course codes with college credits are listed under each Dual Enrollment class.*

AP PreCalculus

1 Credit

Advanced Placement Precalculus centers on functions modeling dynamic behaviors. This research-based exploration of functions is designed to better prepare students for college-level calculus and provide a basis for other mathematics and science courses. In this course, students study the value of polynomial and rational functions, exponential and logarithmic functions, trigonometric and polar functions, and supplemental topics. As a result of examining functions from many perspectives, students develop a conceptual understanding not only of specific function types but also of functions in general.

Prerequisites: Recommendation of the Mathematics Department and a "C" or better in College Algebra.

AP Calculus AB

1 Credit

AP Calculus AB is an introductory college-level calculus course. Students cultivate their understanding of differential and integral calculus by engaging with real-world problems represented graphically, numerically, analytically, and verbally using definitions and theorems to build arguments and justify conclusions as they explore concepts like change, limits, and the analysis of functions. Emphasis is placed on developing critical thinking and problem-solving skills, preparing students for both the AP exam and future mathematical studies.

Prerequisites: Recommendation of the Mathematics Department and a "C" or better in AP PreCalculus

AP Calculus BC

1 Credit

AP Calculus BC is an introductory college-level calculus course which reviews AP Calculus AB and introduces new calculus concepts. Students cultivate their understanding of differential and integral calculus by engaging with real-world problems represented graphically, numerically, analytically, and verbally and using definitions and theorems to build arguments and justify conclusions as they explore concepts like change, limits, and the analysis of functions. Emphasis is placed on developing critical thinking and problem-solving skills, preparing students for both the AP exam and future mathematical studies.

Prerequisites: Recommendation of the Mathematics Department and a "C" or better in AP Calculus AB

SOCIAL STUDIES

GRADE 9 OFFERINGS: 1 CREDIT (REQUIRED)

World Civilizations

1 Credit

From the Garden of Eden to medieval knights, this course will trace world history from the ancient world through the Middle Ages. The course will survey the ancient civilizations and the Early European eras and their influence on later civilizations. The course will end with the advent of the Age of Exploration and serve as a basis for the European History course.

Western Civilization Honors

1 Credit

This course traces the development of mankind from prehistoric culture through Europe's Middle Ages. The course examines ancient Middle Eastern, Egyptian, Greek, Roman, early Christian, and European eras and their influence on later civilizations, including our own. The goals of this course include developing the abilities to analyze historical information, express historical understanding in writing, historical thinking skills, and writing strategies.

Prerequisites: "A" in 8th Grade English and History

GRADE 10 OFFERINGS: 1 CREDIT (REQUIRED)

European History

1 Credit

Continuing with the Renaissance and Protestant Reformation eras, this course will emphasize the major philosophies, events, and personalities from the 1400s to the present day, including major events like the French Revolution, the Industrial Revolution, WWI, WWII, and the Cold War.

Prerequisite: World Civilizations

European History Honors

1 Credit

This course will examine the period of European history from 1350 A.D. to the present. This course will focus on the social, political, religious, intellectual, artistic, technological, and economic developments throughout this period of European history.

Prerequisite: "A" in World Civilizations or "B" in Western Civilization Honors, department approval

AP European History

1 Credit

AP European History introduces students to social, political, religious, intellectual, artistic, technological, and economic trends that shaped Europe and, thereby, much of the World from 1450 AD to the present. Students will acquire knowledge of the basic chronology of events and movements from this period, as well as develop the ability to analyze historical documents and express historical understanding in writing. Students will take the AP European History exam in May.

Prerequisite: "A" in Western Civilization Honors, meeting benchmarks in standardized testing

GRADE 11 OFFERINGS: 1 CREDIT (REQUIRED)

United States History

1 Credit

This course focuses on a chronological survey of American history that spans pre-Columbus Christian exploration to current times. Emphasis includes the colonial era of the Pilgrims and Puritans, spiritual awakenings, revolution, constitution, civil rights, 20th century, and global wars. America's Christian heritage and the American Christian response will be the overriding theme.

Prerequisite: European History

United States History Honors

1 Credit

This course focuses on a chronological survey of American history that spans pre-Columbus Christian exploration to current times but at a faster pace and with more rigorous writing assignments. Emphasis includes the colonial era of the Pilgrims and Puritans, spiritual awakenings, revolution, constitution, civil rights, 20th century, and global wars. America's Christian heritage and the American Christian response will be the overriding theme.

Prerequisites: "A" in European History or "B" in European History Honors, department approval

AP United States History

1 Credit

Advanced Placement U.S. History is designed to be the equivalent of a two-semester introductory college or university course that surveys U.S. History from 1491 (pre-Columbian) to the present. College Board history courses focus on the development of historical thinking skills ("disciplinary practices" and "reasoning skills"), an understanding of select content ("key concepts") organized around seven themes, each with specified thematic learning objectives. In line with college and university U.S. history survey courses' increased focus on early and recent American history and decreased emphasis on other areas, the recently redesigned AP course expands on the history of the Americas from 1491 to 1607 and 1980 to the present. Emphasis is placed on critical thinking and writing as students prepare to take the AP U.S. History Exam in May.

Prerequisite: "B" in AP European History, "A" in European History Honors

GRADE 12 OFFERINGS: 0.5 CREDIT (REQUIRED)

United States Government

0.5 Credit

This class is a semester course that emphasizes our government's origin, growth, organization, powers, and functions from a biblical perspective. Students will also study comparative governments as well as the Constitution.

— OR —

United States Government Honors

0.5 Credit

American Government Honors is an in-depth study of the United States' founding principles and beliefs from a Biblical perspective. Students will study the structure, functions, and powers of government at the national, state, and local levels. Special emphasis is given to the Constitution and the individual responsibility of voters to maintain the freedoms granted by the Constitution.

Prerequisite: "C" in United States History Honors

— OR —

AP United States Government & Politics**0.5 Credit**

AP U.S. Government and Politics 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 study U.S. foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes, and behavior. They also engage in disciplinary practices that require them to read and interpret data, make comparisons and applications, and develop evidence-based arguments. In addition, they complete a political science research or applied civics project.

Prerequisite: "B" in AP U.S. History; "A" in U.S. History Honors; meeting benchmarks in standardized test scores, department approval

Economics with Financial Literacy**0.5 Credit (Required)**

This class is a semester course designed to clarify and develop economic thinking, decision-making, and behavior as an aspect of Christian life and citizenship. Students become familiar with the economic system of the United States and how it operates. They also explore the roles of various components of the American economic system. Students examine their roles as consumers, workers, investors, and voting citizens.

Dual Enrollment Macroeconomics***0.5 Credit**

An introductory course in macroeconomic principles covering basic economic problems and concepts. Topics discussed and analyzed include basic economic problems of unemployment and inflation, as well as fiscal and monetary policies. Students will recognize the role of households, businesses, and governments in the market economy and in their own lives.

**Meets economics 0.5 credit requirement*

Prerequisite: Palm Beach Atlantic University Dual Enrollment requirements ECO 2343 3 College Credits

Dual Enrollment Microeconomics**0.5 Credit**

An introductory course stressing microeconomic theories. Topics studied include the theory and application of supply and demand elasticity; the theory of consumer demand, utility, production, and cost theory, including the law of diminishing returns; the firm's profit-maximizing behaviors under market models ranging from pure competition to pure monopoly; the theory of income distribution; comparative advantage, trade policies, exchange rates, balance of payments, and other international issues.

Prerequisite: Palm Beach Atlantic University Dual Enrollment requirements and a "C" or better in ECO 2343 ECO 2353 3 College Credits

ELECTIVE OFFERINGS

Constitutional Law Honors

1 Credit

This course is open to 9-12 grade students. It provides students with an overview of basic legal principles, the foundations and structure of our government, and how to interpret the rights/freedoms afforded to all by the United States Constitution. Students will read, analyze, interpret, and compare/contrast a variety of legal materials; examine their own values in light of those expressed by the Constitution and when/how these ideas developed from a biblical perspective; and discuss the convergence of fundamental principles of Christianity and governmental authority. Interested students should be prepared to engage in frequent discussion/debate; to enhance critical reading, writing, and thinking skills through the drafting of legal documents and persuasive speeches; and to participate in real-world simulations of government and law, including Senate sessions, political speeches, and mock-trials.

AP Human Geography

1 Credit

AP Human Geography introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice.

Prerequisite: Meeting benchmarks in standardized test scores, previous English and History teacher recommendation required

AP Comparative Government & Politics

.5 Credit

This semester-long course introduces students to the rich diversity of political life outside the United States. The course uses a comparative approach to examine the political structures, policies, and political, economic, and social challenges among six selected countries: Great Britain, Mexico, Russia, Iran, China, and Nigeria. Additionally, students examine how different governments solve similar problems by comparing the effectiveness of approaches to many global issues and will be prepared to take the AP exam in May..

Prerequisite: Meeting benchmarks in standardized test scores, department approval

SCIENCE

GRADE 9 OFFERINGS: 1 CREDIT (REQUIRED)

Biology

1 Credit

Biology is the study of living organisms. The goal of this course is to introduce students to their first systematic study of a scientific topic and see the glory of God in the study of his creation. As science is by nature inquiry-based, students will be developing skills like critical thinking, problem-solving, and analytical reasoning. Additionally, students will be developing character traits necessary for scientific endeavors, including patience, persistence, reasonable care, dependability, and ingenuity. The course gives a general overview of the biological systems and functions, covering essential topics such as environmental necessities for life, macromolecules, cells and cell processes, genetics, classification of organisms, and ecology. The course will provide a deeper understanding of the scientific processes necessary for life and the interconnections between science, technology, and society. These topics will provide a firm foundation for future science classes and science and health-related careers.

Biology Honors

1 Credit

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Prerequisite: "A" in 8th Grade Science, "HighAvg" in MAP Science scores

GRADE 10–12 OFFERINGS

Chemistry

1 Credit (Required)

This one-year introductory course is designed to provide a general study of matter, its composition, and changes from the creationist point of view. Chemistry is an introductory-level, inquiry-based course that examines matter and the changes it undergoes. Major topics to be discovered are measurements, atomic structure, chemical elements, compounds, solutions, reactions, mole concept, acids and bases, carbon-containing compounds, and the chemistry of life among others.

Prerequisite: Biology and Algebra I

— OR —

Chemistry Honors**1 Credit**

This one-year introductory course is designed to provide a general study of matter, its composition, and changes from the creationist point of view. Chemistry is an inquiry-based course that examines matter and the changes it undergoes. While the content focus of this course is consistent with the Chemistry I course, students will explore these concepts at an accelerated rate and in greater depth. Major topics to be discovered are measurements, atomic structure, chemical elements, compounds, stoichiometry solutions, reactions, mole concept, acids and bases, carbon-containing compounds, energy and chemical change, reaction rates, chemical equilibrium, and chemistry of life, among others.

Prerequisite: "A" in Biology or "B" in Biology Honors

Pre/Corequisite: Algebra II

Anatomy & Physiology**1 Credit**

This course is an in-depth study of the human body. Throughout the year, students learn the basic components of each system (anatomy) and how they are designed to work together (physiology) to maintain homeostasis. The units of study include the skeletal system, integumentary system, cardiovascular system, nervous system, and many more! Students explore the intricate design God chose for our bodies through models, diagrams, lab activities, projects, and presentations.

Prerequisite: Biology

— OR —

Anatomy & Physiology Honors**1 Credit**

This course is an in-depth study of the human body. Throughout the year, students learn the basic components of each system (anatomy) and how they are designed to work together (physiology) to maintain homeostasis. The units of study include the skeletal system, integumentary system, cardiovascular system, nervous system, and many more! Students explore the intricate design God chose for our bodies through models, diagrams, lab activities, projects, presentations, and dissections.

Prerequisite: "A" in Biology or a "B" in Biology Honors

— OR —

Physics Honors**1 Credit**

Physics Honors is an application-based course in classical mechanics, optics, and electricity for juniors and seniors. Students will explore fundamental principles through hands-on experiments, problem-solving exercises, and real-world applications. The course emphasizes critical thinking and the development of scientific reasoning skills, preparing students for advanced studies in physics and engineering. Additionally, students will engage in both individual and group projects that foster collaboration and a deeper understanding of the physical world.

Corequisite: Math for College Algebra or higher math

AP Biology***1 Credit**

AP Biology is a college-level course intended for students who have already taken high school biology. Students who take this course should be prepared for college-level material while in high school. This course will necessitate preparing and studying for the class each day to keep up with the content, and the material will continue to build upon itself throughout the academic year. Units covered will include the chemistry of life, cell structure and function, cellular energetics, cell communication and the cell cycle, heredity, gene expression and regulation, population adaptation, and ecology. At the end of the year, students will have a framework for the study of biology, knowledge of the major facets of biology, and the ability to analyze biological data via the scientific method.

Prerequisite: "A" in Biology Honors

Corequisite: Chemistry I Honors

AP Chemistry***1 Credit**

AP Chemistry is the equivalent of a college chemistry course given during freshman year at college to Science and Engineering majors. This course expands on the knowledge acquired during high school chemistry by building on that knowledge through new concepts not covered in the honors high school course. Topics such as atomic structure, chemical bonding compounds, nomenclature of inorganic compounds, mole concept, reactions, solutions, acids and bases, and stoichiometry will be covered in this course. Topics covered in AP but not covered in the high school course include gases, liquids and solids, precipitation reactions, chemical kinetics, equilibrium, thermochemistry, thermodynamics, acids and base theories, and electrochemistry.

Prerequisite: "A" in Biology Honors, "B" in Chemistry Honors, completion of Algebra II

AP Environmental Science***1 Credit**

AP Environmental Science is a college-level course intended for students who have already taken high school biology. Students who take this course should be prepared for college-level material while in high school. This course will necessitate preparing and studying for the class each day to keep up with the material, and the material will continue to build upon itself throughout the academic year. Units covered will include ecosystems, biodiversity, populations, earth systems and resources, land and water use, energy resources and consumption, atmospheric pollution, aquatic and terrestrial pollution, and global change. At the end of the year, students will have a framework for the study of environmental science and the ability to analyze ecological systems and environmental and economic policies.

Prerequisite: "A" in Biology Honors

Corequisite: Chemistry Honors

AP Physics I: Algebra-Based***1 Credit**

AP Physics 1: Algebra-Based is an algebra and trigonometry-based physics course that covers kinematics, dynamics, circular motion, gravitation, simple harmonic motion, linear momentum, work, energy, power, simple machines, rotational kinematics & dynamics, mechanical waves & sound, electrostatics, and DC electric circuits (with resistors only). It is equivalent to one semester of an introductory course in physics at the collegiate level. This course is well suited for advanced high school students who are seeking college credit toward a non-science major. AP Physics is also very well suited for those desiring a rigorous overview of classical physics prior to pursuing collegiate studies in engineering or the sciences. This course is not intended to replace undergraduate entry-level courses in physics for science and engineering majors.

Prerequisite: College Algebra, Pre-Calculus and Department Approval

**These AP science courses fulfill the fourth required science credit. Students must take the end-of-course College Board exam in May.*

ELECTIVE AND TECHNOLOGY OFFERINGS

Digital Information & Technology

.5 Credit Required

This innovative course provides students with the foundational skills needed for future careers in a variety of technological fields. Students will explore emerging technologies, digital design, Microsoft Office online applications, and more, preparing them for success in high school and beyond.

Robotics

1 Credit

Robotics is a course in which students are introduced to the design, construction, programming, and operation of robots in regional and worldwide competitions in FIRST Robotics.

Robotics Honors

1 Credit

Honors Robotics is a second-year course in which veteran students design, build, program, and operate robotics in regional and worldwide competitions in FIRST Robotics. A full year of satisfactory FIRST robotics experience and prior approval by the instructor is a prerequisite for this course. Honors students are expected to mentor first-year students and are graded on their leadership. An honors student's work is expected to be more refined and greater in magnitude than their first-year counterparts. Robotics courses are ideal for students who intend to pursue studies in engineering, technology, computer science, or business.

Prerequisite: "B" in Robotics

Principles of Biomedical Science Honors

1 Credit

In the introductory course of the PLTW Biomedical Science program, students explore concepts of biology and medicine to determine the factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, basic biology, chemistry, medicine, forensic science, and research processes while allowing them to design their own experiments to solve problems. Key biological concepts, including homeostasis, metabolism, inheritance of traits, feedback systems, and defense against diseases, are embedded in the curriculum. Engineering principles, including the design process, feedback loops, and the relationship of structure to function, are incorporated into the curriculum where appropriate. The course is designed to provide an overview of all the courses in the Biomedical Sciences Program and to lay the scientific foundation necessary for student success in the subsequent courses.

Prerequisite: "B" in Biology Honors

Corequisite: Chemistry I

Forensics

1 Credit

Forensics focuses on the observations, data collection, analysis, and evidence-based communication necessary to bring criminals to justice. Throughout the year, students act as crime scene analysts, explore forensic career options, make connections to anatomy and physiology, and more. Students will be trained to find order in chaos and to work with a team seeking justice for victims. The cases we examine remind us that crimes and death are the results of the Fall. Tomorrow is not promised. Every day God gives us, we can honor Him by helping others.

Computer Science Honors

1 Credit

This course is designed to introduce students to the world of Computer Science through programming challenges, interactive simulations, and a variety of web-based curricula. Students will learn block-based coding to interact with the world of Minecraft, compete with their peers in CodeCombat, design and publish a website from scratch, and create a playable arcade game using MakeCode Arcade. Computer Science requires students to design, implement, and analyze solutions to problems, and they will further develop these techniques in advanced computer courses at WA, which include AP Computer Science Principles and AP Computer Science A.

Corequisite: Algebra 1; students should be familiar with algebraic function notation, such as $f(x)=x+2$ and the Cartesian (x, y) coordinate system used to represent points on a plane

AP Computer Science Principles

1 Credit

Computer Science Principles is designed to be the equivalent of a first-semester introductory college or university computer science course. The course is organized around seven big ideas that are foundational to studying computer science: Creativity, Abstraction, Data and Information, Algorithms, Programming, The Internet, and Global Impact. Programming tasks will be tightly integrated into each unit, as students will be studying the language of Swift and designing high-quality mobile apps and games using the Xcode development environment. All students will complete two performance tasks during the course and a final multiple-choice written exam offered by the College Board.

Prerequisite: Computer Science Honors, Algebra 1

AP Computer Science Applications

1 Credit

Computer Science A is a college-level computer programming course that covers the fundamentals of the Java programming language, object-oriented program design, and problem-solving techniques. Every industry has been turned upside-down by software, and it is critical for our students to be informed about what drives the innovations we see all around us. Students will not only exercise their problem-solving, logical, and computational thinking skills, but they can directly apply this Java programming knowledge to compete on our award-winning robotics team. All students will complete an end-of-course written exam offered by the College Board.

Prerequisite: Computer Science Honors, Algebra 1

WORLD LANGUAGES

GRADE 10–12 OFFERINGS

Two credits of consecutive years of a language are required.

Spanish I

1 Credit

Spanish I students will communicate through speaking, listening, reading, and writing and will explore the elements of basic grammar. Through this course, students will communicate basic greetings and phrases in Spanish, read basic stories with comprehension, write descriptions of themselves with proficiency, understand basic instructions in Spanish, hold short conversations with classmates, discuss cultural items and Bible verses in Spanish, and learn geographical facts about the Hispanic world, as well as cultural practices specific to these areas.

Spanish II

1 Credit

In the second year of Spanish, students will reinforce the grammar and conversational skills learned in Spanish I. Students will expand their knowledge of the language by learning other forms of verb conjugation, as well as new vocabulary and expressions. Students will have ample opportunities to apply what they have learned, as a special emphasis will be put on oral communication.

Prerequisite: Spanish I

Spanish III Honors

1 Credit

In the third year of Spanish, students will reinforce the grammar and conversational skills learned in Spanish II. Levels of proficiency will vary among students; therefore, it is imperative that students encourage and respect one another. For those students who are fully bilingual, areas of language weakness will be identified. Additional language immersion activities will be assigned to those needing to improve their conversational skills.

Prerequisite: Spanish II and department approval

Spanish IV Honors

1 Credit

Class time will be dedicated to communicating in Spanish using the structures and vocabulary learned in previous Spanish classes. The format of this class is based on the premise that the best way to learn a foreign language is through repeated, meaningful exposure to the language and to have opportunities to interact and communicate with others in the target language. To accomplish this goal, students will experience direct instruction for grammar concepts, whole-group interaction, and small-group activities.

Prerequisite: Spanish III Honors and department approval

AP Spanish Language and Culture**1 Credit**

The AP Spanish Language and Culture course provides students with opportunities to develop language proficiency in the three modes of communication: interpretive, interpersonal, and presentational. Authentic resources are integrated as the students analyze and discuss printed materials such as literary works, newspaper articles, and magazines. Students also expand their knowledge of the Hispanic culture by critiquing movies, interviews, news broadcasts, and podcasts. Students communicate effectively in Spanish as they complete assignments in their communication log and conduct class discussions and debates to prepare for the required end-of-course College Board exam in May.

Prerequisite: Spanish IV Honors and/or department approval

Latin I**1 Credit**

This course is designed to help students have a basic foundation for the Latin language and the Greco-Roman culture. The cultural aspects include, but are not limited to, mythology, history, literature, arts, and laws.

Latin II**1 Credit**

This course is designed to help students build upon their foundation, developing a deeper understanding of the grammar and syntax of the Latin language. This course will continue lessons on the history and culture of Greco-Roman timeframes, as well as show application in the modern world.

Prerequisite: Latin I

Latin III Honors**1 Credit**

This course is designed to help students take the information learned in previous levels of Latin and apply it to different authors and original Latin works. Using the textbook and excerpts from well-known classical works, the student will have a foundation of classical education.

Prerequisite: Latin II

Latin IV Honors**1 Credit**

The Latin IV course offers students an advanced study of Latin language and literature, building on previous coursework to deepen their understanding of classical texts. Students will read and analyze selections from a variety of authors, such as Cicero, Ovid, and Horace, while further developing their skills in translation and literary interpretation. The course emphasizes advanced grammar, syntax, and vocabulary, allowing students to refine their ability to read and understand complex Latin passages. Additionally, students will explore the cultural, historical, and philosophical contexts of the works studied, gaining a broader appreciation for the ancient world. This course prepares students for continued study in classical languages or AP Latin, fostering both linguistic proficiency and critical thinking.

Prerequisite: Latin III Honors

AP Latin**1 Credit**

The AP Latin course provides students with an in-depth study of classical Latin literature, language, and culture. Focusing on key works by Vergil and Caesar, students will read and analyze selections from the Aeneid and Gallic Wars, honing their skills in translation and interpretation. Emphasis is placed on expanding vocabulary, mastering grammar and syntax, and understanding the nuances of Latin texts. The course also explores the historical and cultural contexts of the literature, fostering connections to the ancient world. The AP Latin exam evaluates students' abilities in both translation and literary analysis, preparing them for further study in classical languages.

Prerequisite: Latin IV Honors

THE ARTS

GRADE 9–12 OFFERINGS: 1 CREDIT REQUIRED

Art I

1 Credit

This is a beginner-level art course designed to be a foundational development of art skills and knowledge. The curriculum covered is necessary for the student to further any study of art either here at Westminster Academy or later in life. Students will become familiar with the elements and principles of design while working in a variety of mediums and processes.

Art II

1 Credit

This is a secondary-level art course designed to introduce students to new mediums, techniques, and ideas. The skills acquired in Art I are a necessity for success at the Art II level. Art II students will be learning the steps to the creative process and applying them to each project, moving away from duplication into more intentional compositional work.

Prerequisite: Art I

Art III Honors

1 Credit

This course curriculum is designed for students who have completed the prerequisites of Art I and Art II and who desire to continue studying art at the Honors level. The emphasis in Art III is on increased technical skills, compositional creativity, critical analysis of art, and preparation for AP Art or Art IV the following year. In Art III, students move entirely beyond duplication into the production of completely original works of art. Students also begin honing their own artistic “voice.”

Prerequisite: Art II and department approval

Art IV Honors

1 Credit

This course is for select students who wish to continue with art yet do not desire to enroll in the full AP course. Rather than submitting a portfolio to the College Board, students will submit their work to the teacher in a pseudo-AP format. Art IV students will create a portfolio, participate in critiques, and have access to the same resources as their AP counterparts. Students should have a collection of 20 works of art by the end of the school year: 10 Breadth (variety) pieces (some of which may come from previous art classes) and 10 Concentration pieces. This artwork can be used in future artistic endeavors and may even be applied toward scholarships or college credit, depending on the circumstances.

Prerequisite: Art III Honors and department approval

AP Studio Art 2D

1 Credit

The AP Studio Art 2D Design course is a college-level course designed for the serious art student who wishes to develop mastery in the conception, composition, and execution of their ideas. Students must have completed the prerequisite courses of Art I, Art II, and Art III Honors to qualify for the AP course. AP Studio Art scoring is not based on a written exam; instead, students submit a portfolio for evaluation by the AP Board at the end of the school year. In building their portfolio, students experience a variety of concepts, techniques, and approaches designed to showcase their abilities and versatility with problem-solving, composition, and ideation. In addition to the portfolio submission, a class grade will be given for the course.

Prerequisite: Art III Honors and department approval

AP Drawing

1 Credit

In AP Drawing, students use the skills learned throughout the course, in combination with their own ideas, to create unique works of art. Throughout the course, students will hone their God-given gifts to develop an inquiry that guides artmaking through practice, experimentation, and revision of materials, processes, and ideas while demonstrating drawing skills through painting, drawing, sequential art, printmaking, illustration, animation, fibers, and others.

Prerequisite: Art III Honors and department approval

Concert Band

The High School Concert Band is for students with prior experience in wind, brass, or percussion instruments, focusing on developing musical skills and ensemble performance. Students will explore a variety of concert band repertoire, including classical, contemporary, and popular music while enhancing their technique, sight-reading, and musicianship. Regular performances and rehearsals provide opportunities for students to showcase their growth and collaborate as an ensemble.

Jazz Band

The High School Jazz Band is designed for students with experience in playing wind, brass, or percussion instruments, focusing on jazz techniques and improvisation. Students will explore a range of jazz styles, including swing, bebop, and contemporary while developing their individual and ensemble performance skills. Regular rehearsals and performances allow students to showcase their musicianship and creativity in both solo and group settings.

Concert Orchestra

The High School Orchestra is for students with prior experience playing string, wind, or percussion instruments, focusing on developing advanced ensemble performance skills. Students will perform a diverse repertoire, ranging from classical to contemporary works while refining their technique, sight-reading, and musical expression. Regular rehearsals and performances provide opportunities to collaborate as an ensemble and showcase their progress to an audience. Honors credit can be earned for completing extra requirements.

Honors Choir

1 Credit

The Honors Choir is a mixed choir for all levels of singers. Students learn healthy vocal technique, music theory, and the basics of ensemble singing and begin to develop musical independence. They perform a variety of repertoire, sing in English and foreign languages, a cappella, and accompanied.

Broadcast Journalism I

1 Credit

Broadcast Journalism I introduces students to production terminology and provides them with hands-on experience in the basics of production, including writing, filming, and editing. Students learn the proper operation and management of production equipment and editing software. They work in teams to create videos for the class and school functions outside of class, such as weekly chapels.

Broadcast Journalism II

This class teaches additional production terminology and provides students with more advanced hands-on experience in television news production, including scriptwriting, interviewing, reporting, anchoring, filming, and editing. Students are expected to know the proper operation of production equipment and editing software, and they learn more advanced operations. They work in teams to film and report from school events, edit news stories, and assemble the news program itself to present at weekly chapels.

Prerequisite: Broadcast Journalism I

Broadcast Journalism III Honors

Students will focus their work on longer-format news features and documentaries. They hone their storytelling skills through video. Students are expected to demonstrate advanced production and post-production skills.

Prerequisite: Broadcast Journalism II

Drama I

1 Credit

Drama I is a one-year course designed to aid the student in creative communications through awareness of God-given talents and abilities. Units for performance techniques in pantomime, monologues, children's theater, and scene work are studied. The course is performance-oriented and fulfills the Fine Arts course requirement.

Drama II

1 Credit

Drama II is a one-year course designed to enhance students' communication skills through acting techniques. Techniques of character development and playwriting, as well as basic stage directing, are the major components of the course. Units of study are social issue plays, murder mystery plays, and much more. Drama I is a prerequisite for Drama II but may be waived by teacher approval.

Prerequisite: Drama I

Drama III Honors

1 Credit

Drama III is a one-year honors course designed for students seriously wanting to advance their acting and directing skills through dramatic performance. Drama II is a prerequisite for Drama III. Advanced acting and directing skills from different acting theories will be practiced, and students will create more complex performances and obtain specialty skills such as basic stage combat and dialects. The class is student-directed, and lessons will be expanded according to student interests.

Prerequisite: Drama II

Drama IV Honors

1 Credit

Drama IV is a one-year honors course designed for students seriously wanting to advance his or her acting, stage combat, directing, analytical, and design skills through dramatic performance. Drama III is a prerequisite for Drama IV. Advanced techniques from different acting theories will be practiced, and students will create more complex performances. The class is student-directed, and lessons will be expanded according to student interests.

Prerequisite: Drama III

Theatre Production Honors

1 Credit

Production Class is an upper-level honors theatre course designed for students who show excellence in drama and have an interest in the production or technical design side of theatre. Units include lighting, set, and sound design, as well as stage management and directing. The primary and final focus of this course is for students to fulfill their assigned position in the spring musical or play.

Prerequisite: Department approval

PHYSICAL EDUCATION

Strength and Conditioning

1 Credit (Required)

This course is designed to give students the opportunity to learn weight training concepts and techniques used for obtaining optimal physical fitness. Students will benefit from comprehensive weight training and cardiorespiratory endurance activities. Students will learn the fundamentals of weight training, strength training, aerobic training, and overall fitness training and conditioning. Students will be empowered to make wise choices, meet challenges, and develop righteous behaviors in fitness and wellness, which will benefit them for a lifetime.

This requirement may be fulfilled by playing two seasons of a sport in high school or taking HOPE, an online physical education course.

ELECTIVES

Graphic Design

1 Credit

This course introduces students to computer-based graphic design and will develop skills in illustration, image editing, and page layout. It will emphasize the creative, artistic, and technical skills required to create ads, brochures, posters, digital illustrations, and other materials that are intended to inform, entertain, or persuade. The elements of art and principles of design—such as color theory, layout, and typography—are developed by classroom exercises and then demonstrated in student projects.

Critical Thinking Skills

0.5 Credit

A semester-long course that is designed to help our students learn key cognitive skills with attention to strategies that will aid success in all of their coursework. Additionally, this class teaches students to use ACT Academy and Khan Academy to utilize targeted, prescriptive practice to improve their scores on the ACT and SAT standardized tests, which have been correlated with college readiness measures.

Dual Enrollment Introduction to Business

0.5 Credit

A semester-long course offered in the summer and the school year that provides a basic study of business activity and how it relates to our economic society. Topics covered include how businesses are owned, organized, managed, and controlled. Course content emphasizes business vocabulary, areas of business specialization, and career opportunities. In addition, this course introduces the basic concepts of business management, marketing, leadership, and entrepreneurship and how to apply these concepts in real-world scenarios.

*Prerequisites: Palm Beach Atlantic University requirements, WA school enrollment requirements (summer term only), and department approval
BUS 1183 3 Credits*

Dual Enrollment General Psychology

0.5 Credit

General Psychology is only offered in the summer term. This course reviews the scientific principles related to human behavior and mental processes. Topics include the scientific method, neuroscience, learning, memory, thinking, emotions, motivation, health, lifespan development, personality, psychological disorders, therapies, and social psychology. This is a writing credit course with international/intercultural content (Gordon Rule Writing requirement class).

*Prerequisites: Palm Beach Atlantic University requirements, WA school enrollment requirements, and English department approval
PSY 2133 3 College credits*

NOTES



WESTMINSTER ACADEMY

DEVOTED TO CHRIST • DEDICATED TO EXCELLENCE

Westminster Academy is a Christ-centered, biblically-based college preparatory school dedicated to equipping covenant students to excel by using their gifts and talents for God's glory.

Member of the Council on Educational Standards and Accountability (CESA) and accredited by the Middle States Association of Colleges and Schools, Christian Schools of Florida, and the National Council for Private School Accreditation (NCPISA)

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