

# Foundation Academy



## High School Course Catalog 2022-2023

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# Graduation Requirements

**\*NOTE: Parents and students are expected to track their progress for each diploma track. Students should be aware of the number of Honors, Dual Enrollment, and AP classes they have taken during high school.**

Subject Area	College Prep Diploma	Honors Diploma	Honors with Distinction Diploma
<b>Bible</b>	<b>3 Credits</b> Specific Requirements: Bible I, Bible II, Calling & Career, Apologetics	<b>3 Credits</b> Specific Requirements: Bible I, Bible II, Calling & Career, Apologetics	<b>3 Credits</b> Specific Requirements: Bible I, Bible II, Calling & Career, Apologetics
<b>Language Arts</b>	<b>4 Credits</b> One English Each Year of High School	<b>4 Credits</b> One English Each Year of High School	<b>4 Credits</b> One English Each Year of High School
<b>Mathematics</b>	<b>4 Credits</b> Specific Requirements: Algebra I, Geometry, Algebra II, and One Year Beyond Algebra II; One Math Each Year of HS	<b>4 Credits</b> Specific Requirements: Algebra I, Geometry, Algebra II, One Year Beyond Algebra II; One Math Each Year of HS	<b>4 Credits</b> Specific Requirements: Algebra I, Geometry, Algebra II, One Year Beyond Algebra II; One Math Each Year of HS
<b>Science</b>	<b>3 Credits</b> Specific Requirements: Biology, Chemistry, One Year Beyond Chemistry	<b>3 Credits</b> Specific Requirements: Biology, Chemistry, One Year Beyond Chemistry	<b>3 Credits</b> Specific Requirements: Biology, Chemistry, One Year Beyond Chemistry
<b>Social Studies</b>	<b>3 Credits</b> Specific Requirements: World History, US History, US Government, Economics	<b>3 Credits</b> Specific Requirements: World History, US History, US Government, Economics	<b>3 Credits</b> Specific Requirements: World History, US History, US Government, Economics
<b>Foreign Language</b>	<b>2 Consecutive Credits</b> of one foreign language	<b>2 Consecutive Credits</b> of one foreign language	<b>2 Consecutive Credits</b> of one foreign language
<b>Physical Education</b> <i>**See note in PE section</i>	<b>1 Credit</b> <i>**Specific Requirements:</i> Personal Fitness	<b>1 Credit</b> <i>**Specific Requirements:</i> Personal Fitness	<b>1 Credit</b> <i>**Specific Requirements:</i> Personal Fitness
<b>Fine Arts/ Technology</b>	<b>1 Credit</b>	<b>1 Credit</b>	<b>1 Credit</b>
<b>Additional Credits</b>	<b>4 Credits</b>	<b>4 Credits</b>	<b>4 Credits</b>
<b>Community Service</b>	75 Hours	100 Hours	100 Hours
<b>GPA Requirement</b>	2.0 or higher	3.5 or higher	4.0 or higher
<b>Honors Credits</b>	None required	At least 8 credits of Honors, DE, or AP courses.	At least 12 credits of Honors, DE, or AP (minimum 4 or more AP and/or DE credits)
<b>Total Credits Needed During High School</b>	<b>25</b>	<b>25</b>	<b>25</b>

# Academic Levels

## **College Prep**

These courses follow a core curriculum (Language Arts, Math, Science, Social Studies, and Foreign Language) that will prepare students for admission to most colleges.

## **Honors**

Honors courses offer a core curriculum that provides greater depth of subject matter and may include assignments that require more independent work effort. Students must obtain a teacher recommendation to enroll in these classes, and they frequently carry prerequisite courses.

Honors level courses prepare students for admission to competitive colleges and are weighted by a factor of 0.5 (one-half point).

## **Dual Enrollment**

Dual Enrollment courses allow high school students in 10th through 12th grades to enroll in college courses for credit prior to high school graduation. College credits earned through Dual Enrollment can be simultaneously applied toward high school and college graduation requirements. Dual Enrollment credits can be transferred to other colleges or universities. Dual Enrollment courses are weighted by a factor of 1.0 (one point).

Please see the Page 22-23 of this catalog for more details about the Foundation Academy Dual Enrollment Program.

▲ Additional fees for Dual Enrollment courses may apply (administrative fee, exam fee, online or hard copy textbook, lab materials, etc.)

## **Advanced Placement**

Advanced Placement (AP) courses offer a college-level curriculum. They require prerequisite classes, grade point average minimums, standardized test score benchmarks, and teacher recommendation to enroll. AP courses are nationally recognized as academically challenging and are designed for the motivated student. College credit may be earned at the end of the course by successfully passing the CollegeBoard AP course exam with a score of 3, 4, or 5.

Advanced Placement courses prepare students for selective colleges with more rigid admissions standards and are weighted by a factor of 1.0 (one point).

Please see Page 24 of this catalog for more details about the Foundation Academy AP Course Prerequisites.

▲ Some additional fees for AP courses may apply (exam fee, textbook, lab materials, etc.).

# Foundation Academy

## High School Course Catalog

### Language Arts

***\*IMPORTANT: All Honors, AP, and Dual Enrollment options require department recommendations based on coursework and standardized test benchmarks.***

#### **English I: College Prep and Honors**

1 credit

This 9th grade course focuses on the language-related areas of grammar, composition, writing skills, and literature. The honors level adds to the English I curriculum by challenging the student to exhibit greater depth in the areas of critical thinking and analytical writing. The honors level requires a teacher recommendation and/or minimum test scores.

#### **English II: College Prep and Honors**

1 credit

This 10th grade course focuses on exposure to a wide variety of genres using culturally diverse literary works. These classes place an emphasis on critical analysis in reading - understanding structure and identifying thematic elements. Continued study of composition and writing skills is implemented. The honors level enhances the English II curriculum in its expectation of greater maturity, literary appreciation, written analysis, and criticism. The honors level requires a teacher recommendation and/or minimum test scores.

#### **English III: College Prep and Honors**

1 credit

This 11th grade course continues the study of composition, mechanics, and vocabulary from English I and English II and further challenges the student in writing skills. The literary emphasis will encompass examination of various works of American literature. Inductive and deductive reasoning and oral communication are integral parts of the course requirements. The honors level enhances the English III curriculum in its expectation of greater maturity, literary appreciation, written analysis, and criticism. The honors level requires a teacher recommendation and/or minimum test scores.

#### **Dual Enrollment English Composition I and II (11<sup>th</sup> or 12<sup>th</sup> Grade)**

1 credit

Students that meet the qualifications of a 3.0 cumulative GPA (unweighted) will have the option to take Dual Enrollment English Composition. The course will be taught by a Foundation Academy instructor, but students will receive six college credits through Southeastern University.

#### **AP English Language and Composition (11<sup>th</sup> Grade)**

1 credit

Advanced Placement English Language and Composition is an accelerated course designed to challenge and enable students to become both skilled readers and writers. Students learn to use modes of discourse, rhetorical strategies, and critical standards. Completion of this course will allow students to take the AP English Language exam for possible college credit.

#### **English IV: College Prep and Honors**

1 credit

This 12th Grade English course encompasses the study of British Literature. A look at cultural and historical formation of literature is integrated. Additional emphasis is implemented to strengthen spelling, grammar, academic writing and critical thinking skills. The honors level requires a teacher recommendation and/or minimum test scores.

**AP English Literature and Composition (12<sup>th</sup> Grade)**

1 credit

Advanced Placement English Literature and Composition involves the study and practice of writing about literature. The students will demonstrate an understanding of history, culture, and philosophy as they apply to many literary works. Literature is related to contemporary experience and history. Completion of this course will allow students to take the AP English Literature and Composition exam for possible college credit.

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# Mathematics

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***\*IMPORTANT: All Honors, AP, and Dual Enrollment options require department recommendations based on coursework and standardized test benchmarks.***

## **Algebra I: College Prep and Honors**

1 credit

Algebra I reviews pre-algebra skills and introduces the following algebraic topics: operations with integers, functions and graphing, radicals and rational expressions, quadratic equations and functions, exponents, polynomials, and linear equations.

## **Geometry: College Prep and Honors**

1 credit

Prerequisite: Algebra I

Topics in the course will include logic and reasoning, developing proofs for theorems using the axiomatic approach, applying properties of lines, angles, triangles, quadrilaterals, and circles in developing appropriate proofs and in solving problems.

## **Algebra II: College Prep and Honors**

1 credit

Prerequisite: Geometry

Algebra II includes skills such as analyzing, solving and graphing equations and inequalities, matrices, polynomial, rational quadratic, exponential, logarithmic, and trigonometric functions. Algebra II Honors prepares students for Pre-Calculus and covers the same topics as Algebra II. Additionally included in this course are topics in Trigonometry such as translating functions, reciprocal functions, identities, and equations. Problem-solving strategies are incorporated throughout the course.

## **Statistics and Probability Honors**

1 Credit

Prerequisite: Algebra II

The purpose of this course is to introduce the study of statistics. Topics will include, but are not limited to, sampling and experimentation, frequency distributions, histograms, bar graphs, circle graphs, stem and leaf displays, measures of central tendency, measures of variations, and probability. The students will also be introduced to hypothesis testing and the use of confidence intervals to estimate population parameters.

## **Math for College Readiness: College Prep and Honors**

1 credit

Prerequisite: Algebra II

The purpose of this course is to continue the development of students' understanding of Algebra II in preparation for college mathematics. Topics included are linear relations and functions, systems of linear equations and inequalities, graphs, quadratics, and complex numbers, and exponential and logarithmic functions. Students will use a textbook that is the same one used in Intermediate Algebra in colleges, with the desire to prepare students to take College Algebra as an initial course.

## **Pre-Calculus Honors**

1 credit

Prerequisites: Algebra II Honors

This course is designed to promote in-depth understanding of the concepts and mathematical thinking necessary for AP Calculus and AP Statistics. Students learn the properties, algebra, graphs, and language of functions. These functional concepts are continually reinforced throughout this course and applied to advanced topics, such as trigonometry, analytic geometry and polar equations.

**Calculus Honors**

1 credit

Prerequisites: Pre-Calculus Honors

This course enables students to develop knowledge and skills in calculus concepts while strengthening and extending concepts learned in previous math courses. Content includes functions, limits and continuity, derivatives, antiderivatives, and definite integrals.

**AP Statistics**

1 credit

Prerequisites: Algebra II

The purpose of Advanced Placement Statistics is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data, sampling and experimentation, anticipating patterns, and statistical inference.

**AP Calculus AB**

1 credit

Prerequisites: Pre-Calculus or Calculus Honors

Topics include derivatives of functions and inverse functions, differentiability and continuity, increasing and decreasing functions, concavity, points of inflections, related rates, optimization, anti-derivatives and their applications, and using integrals to find area and volume. Completion of this course will allow students to take the AP Calculus exam for possible college credit.

**AP Calculus BC**

1 credit

Prerequisites: AP Calculus AB

This course is a continuation of AP Calculus AB. Topics include derivatives of functions and inverse functions, differentiability and continuity, increasing and decreasing functions, concavity, points of inflections, related rates, optimization, sequences and series, vector and polar equations, anti-derivatives, and using integrals to find area, volume, and arc length. Completion of this course will allow students to take the AP Calculus BC exam for possible college credit.



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# Science

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***\*IMPORTANT: All Honors, AP, and Dual Enrollment options require teacher recommendations based on coursework and standardized test benchmarks.***

## **Biology: College Prep and Honors**

1 credit

This required 9th grade course introduces students to the world of biology. Students will learn and investigate biological systems. Topics covered include basic biochemistry, cellular biology, genetics, ecology, plant structure and function, and taxonomy. Hands-on laboratory exercises incorporating the topics listed above will be provided to illustrate biological concepts and themes.

## **Chemistry: College Prep and Honors**

1 credit

This required course will cover basic chemical and scientific concepts and applications. Topics covered in the course include matter and energy, atoms, ions and compounds, stoichiometry involving reactions, electronic structure of atoms, states of matter including solutions, acids and bases, a brief introduction to organic chemistry.

## **Anatomy & Physiology: College Prep and Honors**

1 credit

Prerequisites: Biology and Chemistry

Human Anatomy and Physiology is a laboratory-based course that investigates the structure and function of the human body. Topics covered will include the basic organization of the body and major body systems along with the impact of diseases on certain systems. Topics include basic anatomical terminology to the biochemical composition of the human body, as well as the details of each of the major systems of the body. Students will learn through reading, video lessons, case studies, collaborative group work, and labs. Dissection of a fetal pig and other appropriate organs will complement our course work. One of the goals of this course is to prepare students with the skills necessary to be successful in future science classes in college and medical fields.

## **Marine Science: College Prep and Honors**

1 credit

Prerequisites: Biology and Chemistry

This course is designed to obtain an in-depth awareness of coastal and marine systems. The course will include a study of the physical, chemical and geological aspects of oceanography, marine biology, the coastal environment and the interrelationships among the disciplines.

## **Physics: Honors**

Prerequisites: Chemistry Honors and Algebra II (Honors)

1 credit

Physics Honors is a college preparatory course that emphasizes real-world applications including motion, forces, energy, quantum mechanics, light, waves, harmonic motion, sound and electromagnetic forces. Problem solving including significant calculations is critical to preparing students to potentially take a college level physics or engineering sequence. Labs will include construction, analysis of data, and generation of lab reports.

## **AP Biology**

1 credit

Prerequisites: Biology Honors and Chemistry Honors

AP Biology is an introductory college-level biology course. Students participate in inquiry-based investigations as they explore the topics such as cellular processes, energy and communication, evolution, genetics, information transfer, ecology, and interactions. Completion of this course will allow students to take the AP Biology exam for possible college credit.

**AP Chemistry**

1 credit

Prerequisites: Chemistry Honors and Algebra II Honors

This course is meant to be the equivalent of a college level general chemistry course. It will build upon information learned in Honors or Chemistry I, with increased emphasis on problem solving, laboratory work, and other analytical skills, with the expectation that students are likely to go on to engineering or science work at the university level. At the completion of this course students are expected to take the AP Chemistry exam for possible credit or placement in chemistry courses at the university level.

**AP Environmental Science**

1 credit

Prerequisites: Biology and Chemistry

The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. Completion of this course will allow students to take the AP Environmental Science exam for possible college credit.

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# Social Studies

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***\*IMPORTANT: All Honors, AP, and Dual Enrollment options require teacher recommendations based on coursework and standardized test benchmarks.***

## **9th GRADE HISTORY**

### **World Cultural Geography: College Prep and Honors**

1 credit

World Cultural Geography is a survey of the earth and its resources, the use of those resources, and the geographic and cultural features of people in the various regions and countries of the world. It is neither simply physical geography nor solely a study in regional geography. It combines all the carried elements of geography with a strong biblical philosophy. Students will learn how physical geography affects the political and economic aspects of countries and their way of life.

### **AP Human Geography**

1 credit

The purpose of AP Human Geography is to introduce 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. Completion of this course will allow students to take the AP Human Geography exam for possible college credit.

## **10th GRADE HISTORY**

### **World History: College Prep and Honors**

1 credit

The purpose of this course is to enable students to understand their connections to the development of civilizations by examining the past to prepare for their future as participating members of a global community. Students will use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures, and government to solve problems in academic, civic, social, and employment settings. Beginning in 500 BC and continuing into the present day, students will investigate the development of government systems, civilizations, world powers, and cultures throughout the world.

### **AP World History**

1 credit

This college-level course will provide students with an understanding of the development of the world beginning in 1200AD within the context of history by examining connections to the past in order to prepare for the future as participating members of the global community. Students use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures, and humanities to solve problems in academic, civic, social, and employment settings. Completion of this course will allow students to take the AP World History exam for possible college credit.

### **Dual Enrollment World Civilizations I and II**

1 credit

This course is a survey of the history of world civilization from prehistory to the early modern era. Topics include ancient Greece, Rome, Christian institutions of the Middle Ages, and the emergence of the national monarchies in Western Europe. World Civilization II includes a survey of the history of western civilization from the early modern era to the present. Topics include the Enlightenment, the French Revolution, the Industrial Revolution, World Wars I and II, the Cold War, and present issues. Please review the Dual Enrollment Program Overview.

## **11th GRADE HISTORY**

### **United States History: College Prep and Honors**

1 credit

Prerequisites: World History

This course surveys American history beginning around the middle of the 18th century and finishes in the present day. Included are such things as studies of people, places, technology and events critical to an understanding of United States history. Throughout the course there will be many examples of people who either followed God's standard or failed to do so. From these examples, students will see the truth of God in action and develop values and principles for living biblically.

### **Dual Enrollment United States History I and II**

1 credit

Prerequisites: World History

Students that meet the qualifications of a 3.0 cumulative GPA (unweighted) will have the option to take Dual Enrollment United States History I and II. The course will be taught by a Foundation instructor, but students will receive 6 college credits through Southeastern University. Please review the Dual Enrollment Program Overview.

### **AP United States History**

1 credit

Prerequisites: World History

This college-level course will provide students with the analytical skills and factual knowledge necessary for dealing critically with problems and materials in United States history. The material covered will extend from colonization to the current administration. Completion of this course will allow students to take the AP US History exam for possible college credit.

## **12th GRADE HISTORY**

**NOTE: 12<sup>th</sup> Grade Students must take both Government and Economics.**

### **American Government: College Prep and Honors**

.5 credit

Prerequisites: World History and US History

This course will provide the student with an understanding of the political traditions, documents, parties, and officers that make up the American political system as well as the rights and responsibilities of the American citizen.

### **Economics: College Prep and Honors**

.5 credit

Prerequisites: World History and US History

This course teaches a broad range of economic concepts as students examine the complex nature of essential characteristics of economic systems throughout the world. Students will also learn how economics impacts their lives through income, labor, taxes, and resources.

### **Dual Enrollment Macroeconomics**

.5 credit

Prerequisites: World History and US History

Students that meet the qualifications of a 3.0 cumulative GPA (unweighted) will have the option to take Dual Enrollment Macroeconomics. The course will be taught by a Foundation instructor, but students will receive 3 college credits through Southeastern University. Please review the Dual Enrollment Program Overview.

### **Dual Enrollment American Government**

.5 credit

Prerequisites: World History and US History

Students that meet the qualifications of a 3.0 cumulative GPA (unweighted) will have the option to take Dual Enrollment American Government. The course will be taught by a Foundation instructor, but students will receive 3 college credits through Southeastern University. Please review the Dual Enrollment Program Overview.

**AP United States Government and Politics****.5 credit**

Prerequisites: World History and US History

This college-level course provides students with a critical perspective on politics and government. It involves both the study of general concepts used to interpret United States politics and the analysis of specific case studies. Completion of this course will allow students to take the AP United States Government and Politics exam for possible college credit.

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# Foreign Language

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*The Florida Department of Education “requires two credits of sequential foreign language instruction at the secondary level as a prerequisite for admission to all Florida state colleges and universities. Two credits of American Sign Language can satisfy the foreign language requirement.”*

## **Spanish I**

1 credit

Spanish I introduces the student to the Spanish language and its culture. Spanish vocabulary and grammar are included. An understanding, both written and spoken, of basic conversational Spanish is emphasized.

## **Spanish II**

1 credit

Spanish II reinforces and expands the foundation laid in Spanish I. It will broaden the students' understanding and usage of the language and the culture. It also introduces the students to grammar. Honors weighting is not calculated for Bright Futures calculation.

## **Spanish III Honors**

1 credit

Prerequisites: Spanish II

This course is an honors course which is designed to enable the advanced student to communicate by listening, writing, reading, and speaking the Spanish language most effectively. The use of proper Spanish grammar is taught and expected at this level. This course is conducted predominantly in Spanish. Honors weighting is not calculated for Bright Futures calculation.

## **Spanish IV Honors**

1 credit

Prerequisites: Spanish III Honors

This course is designed to enable students to enhance proficiency in Spanish through a linguistic and communicative approach. Continued development of listening, speaking, reading, writing, and grammar is emphasized. This course is conducted predominantly in Spanish. Honors weighting is not calculated for Bright Futures calculation.

## **AP Spanish Language and Culture**

Prerequisites: Spanish IV Honors and Teacher Recommendation

1 credit

The AP Spanish Language and Culture course emphasizes communication by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. To best facilitate the study of language and culture, the course is taught almost exclusively in Spanish. Completion of this course will allow students to take the AP Spanish Language and Culture exam.

## **American Sign Language I\***

1 credit

Students will learn how to sign the alphabet, signing numbers, facial expressions, basic ASL structure, basic deaf culture, basic storytelling, basic receptive skills, and basic communication skills. Students may possibly attend silent events for exposure to the Deaf culture.

## **American Sign Language II\***

1 credit

Prerequisites: Sign Language I

Students will learn ASL structure, descriptive signing, facial expressions, storytelling, basic captioning, one on one basic interpreting skills, and deaf culture. Students will also deepen their receptive skills, sign during chapel, and will likely attend events for exposure to the Deaf culture.

**American Sign Language III Honors\***

1 credit

Pre-requisites: Sign Language II

Students will learn complex storytelling skills and deeper interpreting and receptive skills. Students will also be responsible for captioning projects, as well as interpreting plays and/or chapel. Students will also attend one silent Deaf event each semester.

**American Sign Language IV Honors\***

1 credit

Pre-requisites: Sign Language III

Students will learn deeper interpreting skills, deeper voicing skills, have their “voice off” in class, and attend two silent Deaf events each semester. Students will also interpret chapel, interpret plays, and learn about job and volunteer opportunities in the field of interpreting and the Deaf community. Students will also be required to volunteer at one Deaf event in the community.

*\*Note: Some Colleges & Universities may not view ASL as academically rigorous as other language courses.*

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# Christian Studies

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## **Bible I: Old Testament**

1 credit

This 9th grade course is an introduction to the Bible that takes students on a general trek through the Old Testament scriptures. This course is designed for students who are beginning their Christian walk and have not had basic Biblical teachings and for those who need to improve their Old Testament foundational knowledge before taking courses on the New Testament.

## **Bible II: Life of Christ**

1 credit

This 10th grade course is a word-by-word exegetical study of the Gospels through Acts 8 with emphasis on comparing and contrasting John to the three synoptic gospels, Matthew, Mark and Luke. Students learn the major stories concerning Christ's life with an emphasis on applying his teaching to our world today.

## **Dual Enrollment Jesus and the Gospels**

1 credit

This 10th grade course is a study of the life and teachings of Jesus as recorded in the gospels in light of the historical-cultural-geographical setting of the first century. It emphasizes the major events of the life of Jesus and his central teachings. The course will be taught by a Foundation instructor, but students will receive 3 college credits through Southeastern University. Please review the Dual Enrollment Program Overview.

## **Bible III: Life Calling**

.5 credit

This 11th grade course introduces students to the concept of making a positive difference in the world by developing in character, scholarship, and leadership. This course helps students gain an understanding of the Christian way of life and learning that enables virtue, servant leadership, and citizenship in God's kingdom within the context of the concept of life calling and the discovery of one's God-given design as a basis for this calling.

## **Bible IV: Apologetics**

.5 credit

In this course, 12th grade students will examine the Christ-centered Theistic worldview in comparison to other major worldviews. Students will be challenged to apply the definitions of faith and truth in their examination of the claim of the Bible as God's collected book of inerrant revelation. This course will equip the Christian student for a defense against a full range of opposing arguments. Students will examine competing worldview claims and be able to defend their faith in a pluralistic marketplace.



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# Electives: Physical Education

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## **Physical Education Graduation Requirements**

Foundation Academy students are required to take **either** Personal Fitness or HOPE. Students can meet the graduation requirement in the following ways:

1. Personal Fitness + 2 years of the same high school sport
2. Personal Fitness + any Physical Education Elective (Weight Training, etc.)
3. HOPE for 2 semesters (online through Florida Virtual School)

### **Personal Fitness**

.5 credit

Personal Fitness is designed to educate and empower the student to make healthy choices for a winning lifestyle. The class will focus on total health of body, mind, and spirit. Personal fitness will train and condition the body for the maximum goal of fitness and health, while more in depth classroom applied studies of text will inform and educate the student on personal health and body awareness.

### **Weight Training**

.5 credit

This course is designed to help students develop an individual weight training program. It involves developing muscular strength and endurance. This course can be repeated each year.

### **Care and Prevention for Athletes**

.5 credit

Students will learn the basics of preventing and caring for sports-related injuries. Course includes first-aid and CPR certification.

### **Life Skills**

.5 credit

Life Skills is a course that will assist students in managing emotions, developing a work-ethic, and defining and achieving personal goals.

### **Yogalates**

.5 credit

This class combines physical exercises and stretching techniques to strengthen and lengthen the muscles and relieve stress. Students will learn the basics of each yoga pose with a more challenging alternative as an option for more seasoned yoga athletes. This class will also include Pilates, a group of exercises similar to yoga but with more movement and focus on core development.

### **Sports Management**

.5 credit

Sports management is the field of business dealing with sports and recreation. This course will give an overview of different types of fields and careers in the sports industry. The objective is to help students that might be interested in a sports-related career gain a general understanding of the various career paths.

### **Varsity Sports Conditioning**

.5 credit

This course is a 7<sup>th</sup> period class designed with the FA athlete in mind. Both sport-specific and general strength/conditioning training will occur. Athletes may retake this PE class throughout high school.

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## Electives: Fine Arts/Technology

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### **AP 2D Art and Design**

1 credit

Prerequisite: Art Portfolio and Teacher Recommendation

This is a rigorous college-level course that is designed for students who are seriously interested in the practical experience of art. AP 2D Art and Design is not based on a written exam. Instead, students submit portfolios for evaluation at the end of the school year to the CollegeBoard. Students can earn college credit for their work if they pass the CollegeBoard portfolio evaluation.

### **Art I**

.5 credit

Art I is a semester studio art course that will teach students the basics of art. Students will produce artwork in two and three-dimensional forms. Students will become familiar with the elements of art, color theory, painting, collage, art history, drawing tools, and drawing techniques.

### **Art II**

.5 credit

Prerequisite: Art I

Art II is a semester studio art course that further develops the concepts and skills learned in Art I. Students will produce artwork in two and three-dimensional forms. Students will become familiar with the principles of design. Students will use previous knowledge of color theory, painting, collage, art history, drawing tools, and drawing techniques to complete their projects.

### **Art Portfolio**

1 credit

Prerequisite: Successful completion of an upper level Art course and/or Teacher Recommendation

Art Portfolio is a one year course offered to juniors and seniors (sophomores with permission) with advanced level standing in the visual arts. Students will be exposed to a more strenuous curriculum of skills that they have acquired in previous art courses as well as a basic introduction to 3-D digital painting in Photoshop. This is an upper level class that demands an emotional and intellectual response from the student as they embark upon an individual journey of media exploration.

### **Band: Advanced**

1 credit

Advanced Band continues students' instrumental music education through their high school years. Students in Advanced Band get to participate in the Marching Band which performs at football games, pep rallies, and parades. Students will also get to perform multiple concerts each year. This course is at a competitive level that will push students toward their full potential in music intelligence.

### **Band: Beginning**

.5 credit

Beginning Band is an introductory band course for students with little or no prior band experience. This course is designed for those students who are interested in learning to play a woodwind, brass, or percussion instrument. Students will be given the opportunity to try different instruments before they choose which instrument to focus on.

### **Broadcast Journalism**

.5 credit

Prerequisite: Multimedia Production Design or Television Production

Students in this class will work to produce Foundation Academy's daily morning announcements. They will be responsible for gathering announcements, scriptwriting, editing, and broadcasting the daily production. This course provides the students to delve further into the elements learned in Television Production or Multimedia Production Design, as well as offering the students opportunities to see how an actual newscast is produced, directed, and put on the air. Students may repeat this course.

**Ceramics I****.5 credit**

This course introduces students to basic hand-building and wheel throwing techniques through a variety of concepts and experiences. Students will be expected to apply design elements and principles as they create functional and sculptural forms in clay.

**Choir****1 credit**

High School Choir is designed to teach and improve students' vocal and performance skills. Application of those skills will be challenged daily in both ensemble and individual vocal performance. This will be accomplished by teaching vocal technique, mechanics, and anatomy of the voice. Students will have several performances throughout the school year.

**Digital Art Imaging I****.5 credit**

This course is an introduction to the creation, manipulation and critical interpretation of graphic and photographic artwork. Includes input and output of digital work as it applies to artists.

**Digital Art Imaging II****.5 credit**

Prerequisite: Digital Art Imaging I

The students will be taught a deeper understanding of creation, manipulation and critical interpretation of graphic and photographic artwork. Includes input and output of digital work as it applies to artists.

**Drama****.5 credit**

This course is an introduction to the aspects of drama. It looks at the history of theater, and the various genres and mediums used to communicate stories. It covers the basic rules of acting through improvisational exercises, script analysis, and teaches theater etiquette.

**Drawing****.5 credit**

An introductory course that provides the student with experiences in working with a variety of subject matter and media. Various methods will be explored, and a variety of mixed media techniques will be introduced.

**Introduction to Engineering****.5 credit**

Prerequisite: Biology and Chemistry

In this STEM elective, students will discover the engineering process for solving problems or developing new technologies, cover careers in STEM related fields, and conduct collaborative work projects. Topics covered include, but are not limited to, measuring various physical properties, magnetic force, electrical circuits, and environmental issues associated with new-found technologies.

**Jazz Band****.5 credit**

In this course, students will rehearse and perform a variety of music from the jazz band repertoire. Students will develop technical skills on their instrument as well as study improvisation, music theory, composition/arranging, jazz history, and rehearsal/performance techniques.

**Multimedia Production Design****.5 credit**

This course covers multimedia concepts and applications utilizing video editing, graphics, sound, and visual design in the development and creation of multimedia productions. Applications include Final Cut Pro and Garageband as well as many options from the Adobe Suite including Premiere and Photoshop. Students will also learn the process of practically creating an original production/content using the systematic process of Pre-Production, Production, and Post-Production to complete their ideas into original usable content. This will include both conventional and non-conventional means of creativity.

**Percussion Band****.5 credit**

This course is designed to introduce music to students through simple percussion instruments. Students will learn how to read percussion music and may get to perform for the school at various events.

**Photography I****.5 credit**

This course is an introduction to the fundamentals of digital photography. Topics of instruction include learning how cameras, composition, lighting, and photo-editing software work. Students will receive basic instruction, demonstration, and see samples of desired outcomes. We will also survey the history of photography, look at the work of famous photographers, and talk about conceptual photographs.

**Photography II****.5 credit**

Prerequisite: Photography I or equivalent experience

This course will expand on photographic competency and aesthetic sensibility while learning techniques to improve your work and build a greater understanding of advanced functions of the digital camera. This course stresses the development of a cohesive body of work with the final goal of a series of project-based photographs

**Praise Band****.5 credit**

The purpose of this course is to teach students how to be a member of a regularly performing praise and worship ensemble. The students learn how to choose music to fit their group and rehearse that music for performances. Praise Band practices before school during "Zero Hour".

**Robotics****1 credit**

Students will learn about and get hands-on experience with all elements of Robotics. This will include designing, engineering, building and programming their own robots. The ultimate goal of the class will be to team up as a class and participate in the FIRST Tech Challenge, a national competition between teams from schools across the country to complete a specified challenge within a given timeframe

**Speech****.5 credit**

Speech is a one semester course emphasizing an introduction to public speaking, speech organization, research, critical thinking, and listening. In Speech, students will learn how to speak in front of an audience by practicing that skill many times in class. They will present different types of speeches, such as Introductory Speech, Informative Speech, Persuasive Speech, Impromptu, Demonstration Speech, and Special Occasion Speech. Students will hone not only their public speaking skills but also their listening comprehension skills.

**Steel Drums: Beginner****1 credit**

This course is for students who have never played instruments before. No musical experience is required. The students will learn the basics of music and how to play songs from different genres on the Steel Drums.

**Steel Drums: Intermediate****1 credit**

This course is for Steel Drum players who have at least one year of experience on Steel Drums. Students will continue to expand their knowledge of the instruments, as well as grow in their skills and repertoire previously learned.

**Steel Drums: Advanced**

1 credit

This course is for experienced Steel Drums players who want to continue growing in skills previously learned and fine tune performance techniques. Students may perform for various school events.

**Television Production**

.5 credit

An introduction to the basic principles, procedures, and techniques of television production. Students will learn the concepts of industry standard production skills and have hands-on use of television production equipment. They will learn fundamentals of producing, scripting, directing, and editing for television. Students will also learn about the different roles and specific jobs that are available within the television industry and how to best acquire and practice the skills needed for them.

**Yearbook**

1 credit

Prerequisite: Recommendation from English or Photography teacher **and** Yearbook teacher approval.

This course teaches the art of producing a yearbook. Students will gain experience in writing, photography, design and layout, editing, and marketing skills. Yearbook is open to students in 10th through 12th grade.

**Yearbook Editing**

1 credit

Prerequisite: Yearbook class or yearbook experience from another school

This course continues to develop skills of layout, editing, and marketing learned in the first year of Yearbook. Additionally, students will develop leadership skills through holding editorial positions as well as mentoring new students in designing yearbook spreads. Focus will be on planning for deadlines, assigning spreads to other students, editing spreads in their assigned sections, developing marketing strategies, and preparing for the distribution of yearbooks.

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## Electives: General

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### **AP Human Geography**

1 credit

The purpose of AP Human Geography is to introduce 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.

### **AP Psychology**

1 credit

The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological theories, principles, research, 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.

### **Dual Enrollment World Civilizations I and II**

1 credit

*\*\*Students who have passed the AP World History exam are ineligible to take this course.*

This course is a survey of the history of western civilization from prehistory to the early modern era. Topics include ancient Greece, Rome, Christian institutions of the Middle Ages, and the emergence of the national monarchies in Western Europe. Western Civilization II includes a survey of the history of western civilization from the early modern era to the present. Topics include the Enlightenment, the French Revolution, the Industrial Revolution, World Wars I and II, the Cold War, and present issues. This course is taught by a Foundation instructor and students will receive 6 credits through Southeastern University. Please review the Dual Enrollment Program Overview.

### **Personal and Family Finance**

.5 credit

Students are facing tremendous financial challenges without the basic knowledge needed to thrive in today's economy. *Foundations in Personal Finance: High School Edition* will change the financial future of your students and set them on a path to win with money, allowing you to change the way your students look at money. They will be empowered, equipped and entertained while building confidence in their own financial decision-making.

### **SAT/ACT Test Prep**

.5 credit

The goal of the SAT/ACT Test Prep Course is to prepare the student to take the SAT and ACT exam. Please note that pre and post results will vary by student. The school strongly encourages families to research test prep company options in addition to this course. Please contact the Guidance Office with questions.

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# Dual Enrollment Program Overview

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Foundation Academy partners with Southeastern University (SEU) and Orange Technical College (OTC) to offer numerous opportunities for our students to receive Dual Enrollment credits. Specifics of the different partnerships are highlighted below.

## **Southeastern University (SEU)**

All Dual Enrollment courses through SEU will be taught on-campus by Foundation Academy instructors who meet certification requirements. The only additional cost to parents for these courses will be for books and curriculum materials.

These courses are available for students in the 10<sup>th</sup>-12<sup>th</sup> grades.

Our ability to offer these courses are contingent on the number of students' course requests, FA teacher availability, and other factors. If you select this course and we are unable to offer the class you will receive notification from the Guidance Office.

## **Orange Technical College (OTC)**

Some of our 11<sup>th</sup>/12<sup>th</sup> grade students will have the opportunity to take Dual Enrollment courses at Orange Technical College, Winter Garden campus.

Here are some of the key features:

1. This program could be a good fit for a student that either:
  - a. Is interested in receiving advanced exposure to a field they may wish to pursue in college (ex: Digital Media, Culinary Arts, Pharmaceuticals, Nursing, etc.).
  - b. Is considering a career they can pursue without the traditional college route (ex: electrical, plumbing, cosmetology, etc.).
  - c. The only cost passed on to the students will be mainly for their program uniforms (scrubs, etc.).
2. Students will attend their classes at the Westside Campus in Winter Garden from 7:45 am - 9:45 am, and will then drive back to FA for the remainder of their day. Students are responsible for their own transportation.
3. To be accepted, students will be required to enter into OTC's "lottery," which is a random drawing of students that have applied for each program. Some programs are more competitive than others due to a larger selection pool.
4. To enter the lottery, students must first attend an orientation and fill out the necessary paperwork.

## **Dual Enrollment Academic Requirements:**

- Student must have completed 9th grade and have an unweighted cumulative high school GPA of 3.0 or higher. (SEU program only)
- Foundation Academy Teacher Recommendation. (SEU program only)
- For OTC, the minimum requirement to enter the lottery is a 2.0 unweighted GPA.

**Important Note Regarding College Impact:**

Students who pass each Dual Enrollment course may receive credits toward their college of choice in addition to fulfilling Foundation Academy high school graduation requirements. It is strongly recommended to contact the admissions offices of your school(s) of choice to ensure that you have a complete understanding of how they will transfer in Dual Enrollment credits.

Dual Enrollment grades will “follow” every student into their college of choice. In other words, students are creating the starting point of their future college transcript with each Dual Enrollment grade. As such, it is important to maintain good grades in Dual Enrollment to avoid having it hurt a student in the college admissions process.



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# AP Course Prerequisites

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Foundation Academy students are encouraged to challenge themselves in their high school course selections; however, there are certain academic prerequisites that a student must meet in order to be placed in an Advanced Placement (AP) course. Please note the following limits to the number of AP courses a student may enroll in a given year:

- Freshman may enroll in 1 AP course
- Sophomores may enroll in up to 2 AP courses
- Juniors may enroll in up to 4 AP courses
- Seniors may enroll in up to 5 AP courses

## **General Prerequisites for AP course placement:**

- A. "B" or better in previous Honors level coursework
- B. 520 or better on the related section of the PSAT
- C. Teacher recommendation

Only those AP Courses that have specific prerequisites other than the general prerequisites are listed below. All other AP courses follow the general prerequisites guidelines.

### **1. AP 2D Art and Design**

- a. "B" or better in Art Portfolio
- b. Teacher Recommendation

### **2. AP Biology PA**

- a. "B" or better in previous year's Honors coursework
- b. 520 or better on PSAT Evidenced-Based Reading and Writing **and** 480 or better on PSAT Math
- c. Teacher Recommendation

### **3. AP Calculus AB**

- a. "B" or better in Pre-Calculus Honors
- b. 520 or better in PSAT Math
- c. Teacher Recommendation

### **4. AP Calculus BC**

- a. "B" or better in AP Calculus AB
- b. 520 or better in PSAT Math
- c. Teacher Recommendation

### **5. AP Environmental Science**

- a. "B" or better in previous year's Honors coursework
- b. 520 or better on PSAT Evidenced-Based Reading and Writing **and** 480 or better on PSAT Math
- c. Teacher Recommendation

### **6. AP Spanish Language and Culture**

- a. "B" or better in Spanish IV Honors
- b. 520 or better on PSAT Evidenced-Based Reading and Writing
- c. Teacher Recommendation
- d. Placement test if new to Foundation Academy

***Foundation Academy partners with families and the church to build a firm foundation for life through Christ-centered education.***