



Forest Lake Academy

A Seventh-day Adventist Christian
College Preparatory
High School

Curriculum Guide
2026-27



www.forestlakeacademy.org

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Mission Statement

At Forest Lake Academy we are committed to ENGAGE by inspiring learners, EXCEL by fostering excellence, EMPOWER by cultivating leaders, and SERVE by reflecting Christ in all we do. Through these values, we prepare students to grow in faith, character, and purpose as they impact the world for God's glory.

Vision Statement

We will be a Christ-centered educational institution committed to educational excellence. Through innovative, rigorous, and engaging learning experiences, we prepare students to be critical thinkers, lifelong learners, and leaders whose lives are characterized by integrity, compassion and service to others and their community.

Facts in Brief

School Code: 100985

Affiliations

Forest Lake Academy is owned and operated by the Florida Conference of Seventh-day Adventists, a subsidiary of the worldwide Seventh-day Adventist Church. Under the direction of the Florida Conference Office of Education.

Accreditations

- *Middle States Commission on Elementary and Secondary Schools*
- *National Council for Private School Accreditation (NCPSA)*
- *Adventist Accrediting Association of Seventh-day Adventist Schools, Colleges, and Universities*
- *The Florida Conference of Seventh-day Adventist School System*

Curriculum

Standard Level, Honors Level, and Dual Enrollment

Clubs

Full complement of clubs and student organizations including National Honor Society, National Technical Honor Society, and social clubs.

Diploma Requirements

These charts depict each diploma's typical course options for students. Other course combinations are possible but unusual. Suggested classes are pending fulfilling prerequisites. Contact the registrar's office for more information.

General <i>24 credits / 2.0 GPA / 100 Community Service Hours</i>				
Department	Freshman	Sophomore	Junior	Senior
<i>Bible</i>	Bible 9	Bible 10	Bible 11 or Junior Servant Leadership	Bible 12 or Senior Servant Leadership
<i>English</i>	English 9	World Literature 10	American Literature 11	English Literature 12
<i>Social Studies</i>	Personal Financial Literacy	World History	US History	US Government and Economics
<i>Math</i>	Algebra 1 or Algebra 1A	Geometry or Algebra 1B	Algebra 2 or Geometry or Mathematics Data and Financial Literacy	Mathematics Data and Financial Literacy or Algebra 2
<i>Science</i>	Biology or Physical Science	Biology, Chemistry Environmental Science, or A&P (HS)	Chemistry, Environmental Science, Or Marine Science	N/A
<i>Fine Art (1)</i>	Choice of Fine Arts	If desired	If desired	If desired
<i>PE*</i>	Fitness for Life	Fitness for Life (If not taken Freshman year)	N/A	Health and Individual Sports
<i>Vocational (1)*</i>	Computer Essentials, Computer Science, or Innovation I & II	Computer Essentials (If not taken Freshman year)	N/A	N/A
<i>Elective</i>	Life Skills and Personal Financial Literacy		Elective of choice	If desired

*Either the PE or Vocational class should be deferred until the student's Sophomore school year.

Dual Enrollment elective offerings vary annually; consult the Registrar for current availability.

College Preparatory

26 credits / 3.0 GPA / 100 Community Service Hours

Department	Freshman	Sophomore	Junior	Senior
<i>Bible</i>	Bible 9	Bible 10	Bible 11 or Junior Servant Leadership	Bible 12 or Senior Servant Leadership or DE Bible
<i>English</i>	English 9	World Literature 10	American Literature 11	English Literature 12 or DE English I & II
<i>Social Studies</i>	Personal Financial Literacy	World History	US History	US Government and Economics
<i>Math</i>	Algebra 1 or Geometry or Algebra 1A	Geometry or Algebra 2 or Algebra 1B	Algebra 2 or Geometry or Mathematics Data and Financial Literacy or AP Pre-Calculus	Statistics or AP Pre-Calculus or Mathematics Data and Financial Literacy or DE Statistics and Calculus I
<i>Science</i>	Biology or Physical Science	Environmental Science, Chemistry, or A&P (HS)	Chemistry or Environmental Science or Physics or Marine Science	N/A
<i>Fine Art (1)</i>	Choice of Fine Arts	If desired	If desired	If desired
<i>PE*</i>	Fitness for Life	Fitness for Life (If not taken Freshman year)	N/A	Health and Individual Sports
<i>Vocational (1)*</i>	Computer Essentials, Computer Science, or Innovation I & II	Computer Essentials (If not taken Freshman year)	N/A	N/A
<i>Foreign Language</i>	N/A	N/A	Spanish 1	Spanish 2
<i>Elective</i>	Life Skills and Personal Financial Literacy		If desired	If desired

*Either the PE or Vocational class should be deferred until the student's Sophomore school year

Dual Enrollment elective offerings vary annually; consult the Registrar for current availability.

Honors <i>28 credits / 3.75 GPA / 100 Community Service Hours</i>				
Department	Freshman	Sophomore	Junior	Senior
<i>Bible</i>	Bible 9	Bible 10	Bible 11 or Junior Servant Leadership	Bible 12 or Senior Servant Leadership or DE Bible
<i>English</i>	English 9 Honors	World Literature 10 Honors	American Literature 11 Honors	English Literature 12 or DE English I & II
<i>Social Studies</i>	Personal Financial Literacy	World History Honors	US History Honors	US Government or US Government Honors and Economics
<i>Math</i>	Algebra 1 or Geometry Honors	Geometry Honors or Algebra 2 Honors	Algebra 2 Honors or AP Pre-Calculus	Statistics or AP Pre-Calculus Honors or College Math or DE Statistics and Calculus I
<i>Science</i>	Biology Honors	Chemistry Honors or A&P (HS)	Physics Honors, A&P (HS) or Marine Science	Marine Science or DE A&P (Optional)
<i>Fine Art (1)</i>	Choice of Fine Arts	If desired	If desired	If desired
<i>PE*</i>	Fitness for Life	Fitness for Life (If not taken Freshman year)	N/A	Health and Individual Sports
<i>Vocational (1)*</i>	Computer Essentials, Computer Science, or Innovation I & II	Fitness for Life (If not taken Freshman year)	N/A	N/A
<i>Foreign Language</i>	N/A	N/A	Spanish 1	Spanish 2
<i>Elective</i>	Life Skills and Personal Financial Literacy		Required if not taking a Fine Art	Required if not taking a fourth science or Fine Art

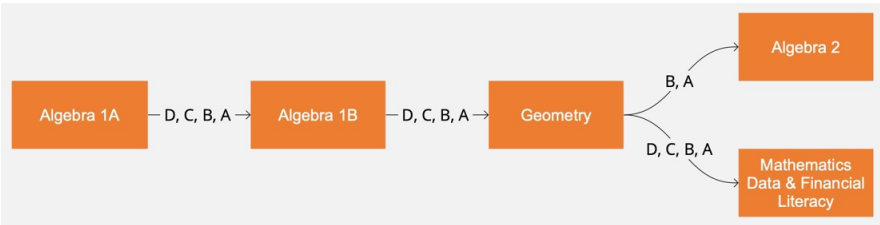
*Either the PE or Vocational class should be deferred until the student's Sophomore school year

Dual Enrollment elective offerings vary annually; consult the Registrar for current availability.

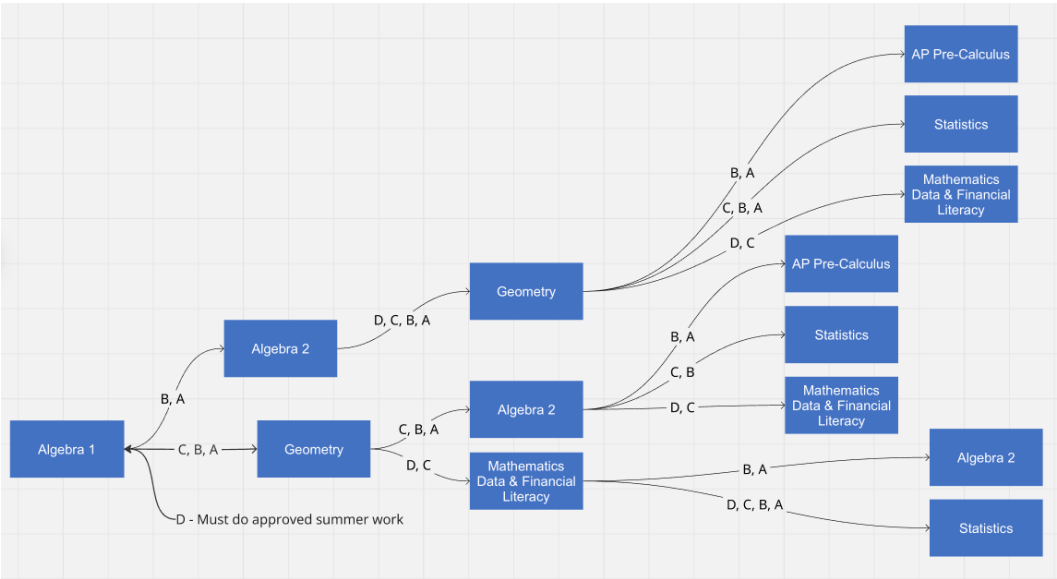
Math Sequencing

These charts depict the typical paths taken for the math classes here at Forest Lake Academy. Although these tracks are typically followed, there is some flexibility. For any alterations, speak to a member of the registrar's office. Letters on the charts indicate grades required as prerequisites.

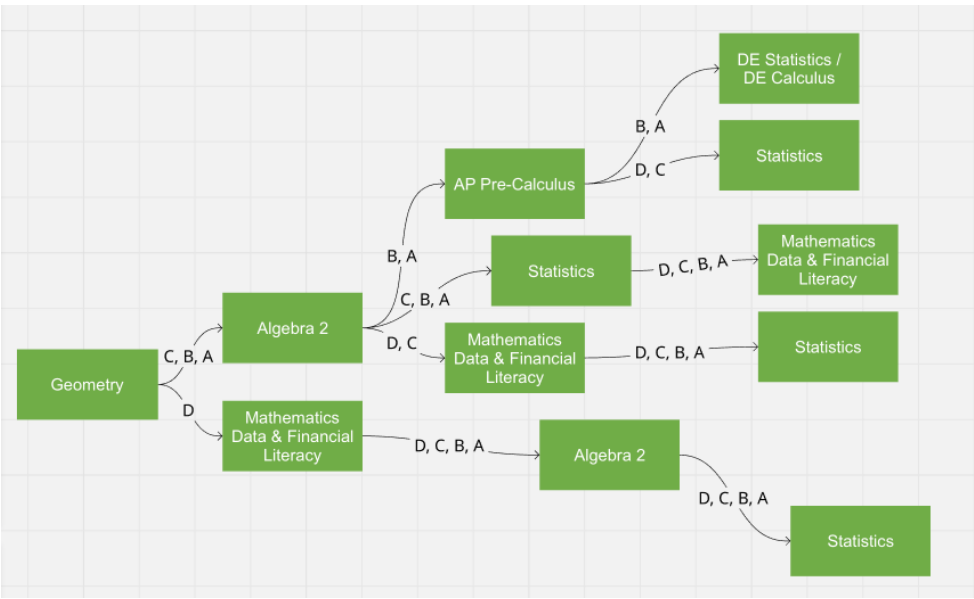
Sequencing for Algebra 1A Start



Sequencing for Algebra I Start



Sequencing for Geometry Start



Academic Requirements

Technology Requirements

Each Forest Lake Academy student is issued a MacBook, which serves as a vital learning tool throughout the school year. These devices house our licensed digital textbooks and provide access to Canvas, our educational platform where students receive assignments, submit work, and communicate with teachers. To ensure academic success, it is essential that each home has access to reliable internet, allowing students to stay connected, complete coursework, and fully participate in their classes both on and off campus.

Information Portals – Parent & Student

Canvas - Course Specification Information

Forest Lake Academy purchased a subscription to a leading online classroom product, Canvas. Canvas makes it easier to move files between the Academy and home and also lets students turn in their homework electronically to their teachers. The teachers can review and grade the work and send it back to the student. Canvas is completely web-based, which allows students to access, Canvas, free of charge, from any computer or anywhere that Internet access is available with a connection to a standard web browser. Inside Canvas, students can only communicate with teachers and administrators. Each student has their own, private "My Files" storage area. Canvas has site-wide security features in place to provide peace of mind, and all the activities that are performed inside of Canvas can be reviewed by the Academy.

At the beginning of the school year, parents will receive instructions on how to create a parent's account and access Canvas.

FACTS/RenWeb – Attendance, Community Service Hours, Schedule

Forest Lake Academy maintains a service called FACTS/RenWeb for use by students and parents to access student attendance, community service hours, and class schedule information, securely over the Internet with their personalized FACTS/RenWeb account. FACTS/RenWeb login information is distributed at the beginning of each school year. Parents' login information is emailed to the address provided during the admissions process. All questions regarding FACTS/RenWeb (password reset, etc.), should be addressed to the Registrar at 407.772.3743 or registrar@forestlake.org.

Course Selection Process

The course selection process begins with a meeting between the student and the registrar or vice principal to review graduation requirements, academic goals, and available course options. During this meeting, students select their intended courses for the upcoming school year. Afterward, a list of the selected classes is emailed to parents or guardians for review and approval. Families are asked to carefully check the course selections and communicate any requested changes by the required deadline. Once the review period has closed and all approved changes have been finalized, student schedules are created based on the confirmed course selections.

Non-Forest Lake Academy Course Work

In handbook – can one online elective course per year and core classes at FLA.

High school credit classes taken between middle school and high school will not be accepted.

Approved high school credit classes taken during middle school will transfer to current transcript and therefore will be calculated into student's high school cumulative GPA.

Appeal Process

If a student is denied approval for a requested class, they may initiate an appeal by submitting a written appeal letter to the supervising Vice Principal for the appropriate content area. The appeal letter should clearly explain the reason for the request and include any relevant academic information or supporting documentation. Upon receipt, the supervising Vice Principal will review the appeal and share it with the appropriate members of the Curriculum Committee for consideration. The committee will evaluate the appeal based on established academic criteria and program guidelines, and a final decision will be communicated to the student and family once the review process is complete.

Honors Courses

FLA is pleased to offer students a variety of honors courses. Students wanting to take honors courses need to understand that such courses require additional planning and effort, and they must have a minimum unweighted cumulative GPA of 3.5 in subject area to qualify for submitting the Honors Course Request Application.

Students must submit their completed honors course applications by the designated application deadline which is clearly noted on the application forms. LATE APPLICATIONS ARE NOT ACCEPTED. The process for applying and the required submission deadline is repeatedly shared with students each year through classroom visits, intercom announcements, emails, and newsletter reminders. It is shared with parents repeatedly as well in the school newsletter and emails.

Prior to the start of the school year the honors application window is opened for new students joining or transferring to FLA who did not have the opportunity to apply the previous year. Applications must be submitted prior to the end of the drop/add period.

The honors application is emailed (typically in January) to students with a minimum unweighted cumulative GPA of 3.5, with hard copies available at the Welcome Center. As part of the application process, a student is required to also have an unweighted subject area GPA of 3.5 or above and submit a written essay answering a series of writing prompts. A student's grades and test scores are also taken into consideration. All applications are carefully evaluated by a team of subject area teachers, department heads, and school administration. If accepted into an honors course, a student's grades will be reviewed every nine weeks. Students whose quarter grade falls below a B (83%) may be asked to transfer to a non-honors section of the course or have the honors distinction/weight on the course removed from transcript.

FLA's administrative team is committed to ensuring our policies, procedures deadlines for honors classes are followed consistently so that everything is fair and equitable for each of our

students, not to minimize their opportunities, but to ensure fairness and consistency for everyone.

Dual Enrollment Courses

Forest Lake Academy offers Seniors, who have a minimum cumulative unweighted GPA of 3.50 and taken the ACT/SAT by May of the current school year, the opportunity to take college courses for which dual credit is given. Dual credit allows students to receive both high school/Academy and college credit for the same class. Dual credit will be offered only via our partnering Seventh-day Adventist colleges/universities.

Students who wish to enroll in dual credit courses must meet all eligibility requirements of both the Academy and the partnering Seventh-day Adventist colleges/universities and have approval from the Administration Committee. A letter will be sent directly to students with all qualifying requirements.

All dual-credit courses are administered and overseen by the partnering Seventh-day Adventist colleges/universities and their policies and procedures governing parental involvement and communication govern the relationship between those institutions and its students. Students in dual credit courses are treated as college students, and all communication regarding school work and performance is handled between the colleges/universities and the students rather than with the parents.

Schedule Changes

Any changes made to a student's course schedule after classes begin must follow these guidelines:

- Students considering a course change should discuss it with the school Registrar and complete a schedule-change form.
- Schedule changes cannot be made in the second semester of a two-semester course even if requested during the drop period of 2nd semester.
- Students who wish to drop a course within the first two weeks of the semester may do so without a grade being recorded for that course. Students must obtain approval from their parents, the teacher, and the Registrar.
- Students who withdraw from a class after the first two weeks will have a WP or WF (withdrawn/passing or withdrawn/failing) recorded on their transcript and must obtain approval from their parents, the teacher, school and the Registrar.
- Students who wish to add a course must do so within the first two weeks and are responsible for making up all work missed.

Academic Support Services

Teacher tutoring is available to students during designated lunch periods based on teacher availability, offering convenient academic support during the school day. In addition, free after-school math tutoring is provided for students who would benefit from extra practice and reinforcement. Students may also participate in free small-group math tutoring sessions led by a math tutor, allowing for more personalized and targeted instruction. Peer tutoring is available during study hall periods, encouraging collaborative learning and academic support among students. Support services are also available for students with learning plans to ensure their individual needs are met, and teachers are available after school, based on availability, to provide additional assistance as needed.

Graduation Requirement

Course	Total Credits Required
Electives	Dependent on Diploma Type
English	4
Fine Arts	1
Foreign Language	2 for College Preparatory & Honors Diplomas
Health	0.5
Mathematics	4
Physical Education	1.5
Religion (or Elective transfer credit)	4
Science	3
Social Studies	3.5
Vocation	1

Grade Forgiveness Policy

FLA is committed to providing students the opportunity to be academically successful even should they initially fail a class. Students who have received an "F" grade in a required core course will be provided the opportunity to have grade forgiveness following the completion of the course with a grade of "C" or higher. The previous grade of an "F" will still appear on the transcript but will have an asterisk (*) or "X" designation with a note that states that grade is not calculated in the overall GPA and an "I" is added to the same or comparable course taken subsequently. Course recovery will be taken on campus when available and, if needed, the FLA registrar/school administration will approve other avenues for course recovery.

Grading Scale

The grading system and grade point average (GPA) are as follows:

Percent	Letter Grade	GPA	<i>Honors/Dual Enrollment Courses</i> Weighted GPA
100-93	A	4.00	5.00
92-90	A-	3.67	4.67
89-87	B+	3.33	4.33
86-83	B	3.00	4.00
82-80	B-	2.67	3.67
79-77	C+	2.33	
76-73	C	2.00	
72-70	C-	1.67	
69-67	D+	1.33	
66-63	D	1.00	
62-60	D-	0.67	
59-0	F	0.00	

Diploma Types

Forest Lake Academy offers the following diplomas: General Diploma, College Prep Diploma and Honors Diploma.

Standardized Testing

Testing is an important component of Forest Lake Academy's program. Students and their parents receive specific information through the Guidance Department regarding which tests are available, deadlines for application, dates of administration, and detailed explanations of the results. The following tests are administered on campus:

- Freshmen: Measures of Academic Progress Test (MAP)
- Sophomores: Measures of Academic Process Test (MAP) and PSAT
- Juniors: Preliminary Scholastic Assessment Test (PSAT/NMSQT), the qualifying test for the National Merit Scholarship program – The PSAT counts in the Junior year for the NMSQT. More information is available at www.nationalmerit.org/nmsp.php. Juniors are also advised to take the SAT and ACT during second semester, which is also required for Dual Enrollment classes.
- Seniors: SAT and/or ACT, depending on the college/university requirements.

Florida Bright Futures Scholarship Program

Students who have completed Algebra 1A and 1B and who also intend to meet the Bright Futures eligibility criteria may coordinate with the Registrar to enroll in an additional math course during the summer before senior year. This opportunity allows students to fulfill the required math coursework needed to meet Bright Futures requirements while continuing to progress toward their academic goals. Students should work closely with the Registrar to confirm eligibility, select an appropriate course, and ensure all requirements and deadlines are met.

Summer Courses

Forest Lake Academy offers a Summer Bridge program in Pre-Algebra for incoming Freshmen who need extra support prior to entering Algebra I and for current students taking Algebra 1A wishing to challenge Algebra I.

Athletic Eligibility

At the start of each school year, all full-time students (provided they have an unweighted cumulative GPA of 2.0) are deemed academically eligible to try out for varsity and junior varsity athletic programs. Student athletes must maintain a 2.0 unweighted cumulative grade point average on a 4.0 scale. During the school year the school registrar will run a weekly D, F, and I grade list to determine current athletic eligibility. Any student with an F (failing) or I (incomplete) grade in any class will be deemed ineligible to play or practice. Any student with more than one D will also be deemed ineligible to play or practice. If academically ineligible students improve their grades by the next week's grading list time so as to not have more than one D (while having no F or I grades), they will then regain their eligibility to rejoin the team to practice and play. A student's behavioral/disciplinary record may also make him/her ineligible. For a comprehensive summary of FLA's athletic policies, please refer to the FLA Athletic Program Handbook.

In order to participate in Varsity or JV games or events, students must have attended all scheduled classes on the day of the game and/or event. On game days athletes cannot leave class earlier than 15 minutes before the school transportation leaves. Any student leaving early or skipping class will not be allowed to play. Every effort is made to minimize game conflicts with other school activities however, it is important to note that should there be a conflict, students in Cantabile, strings, handbells, band or drama must stay for those performances.

MATHEMATICS DEPARTMENT

Algebra I

Algebra I A

Algebra I B

Geometry

Geometry Honors

Algebra II

Algebra II Honors

Mathematics Data and Financial Literacy

AP Pre-Calculus

Probability And Statistics with Applications

SEE DUAL ENROLLMENT FOR THE FOLLOWING COURSES:

DE Statistics

DE Calculus

DE Principles of Accounting 121

DE Principles of Accounting 122

MATHEMATICS COURSES

Algebra

Grades: 9

2 Semesters | Credit: 0.5 per semester

Algebra 1 is designed to build the foundation for high school mathematics and science courses. Topics include, but are not limited to, functions, linear equations and inequalities, systems of linear equations and inequalities, polynomials, simplifying radical and rational expressions, solving and graphing quadratic equations, exponential functions, and introduction to probability. Additionally, students will work on test-taking skills and problem-solving techniques to successfully complete end-of-semester examinations.

PREREQUISITES: 8th Grade Math, students will be administratively placed into Algebra 1 or Algebra 1A based on Stanford 10 Test Results, MAP Test Results, and middle school transcript

NOTE: *Required for graduation*

Algebra 1A

Grades: 9

2 Semesters | Credit: 0.5 per semester

Algebra 1A is designed to build the foundation for high school mathematics by providing Algebra 1 in conjunction with Algebra 1B at a slower pace over two academic years. Topics include, but are not limited to, functions, linear equations and inequalities, and systems of linear equations and inequalities. Students who take Algebra 1A must continue the sequence by taking Algebra 1B in their sophomore year. This course, together with Algebra 1B, counts as the Algebra 1 requirement for graduation. **However, it does not count as one of the four credits needed to apply for the Florida Bright Futures Scholarship.**

PREREQUISITES: 8th Grade Math, students will be administratively placed into Algebra 1 or Algebra 1A based on Stanford 10 Test Results, MAP Test Results, and middle school transcript

NOTE: *Fulfills Algebra requirement when taken with Algebra 1B*

Algebra 1B

Grades: 9

2 Semesters | Credit: 0.5 per semester

Algebra 1B is designed to build the foundation for high school mathematics by continuing to develop the Algebra skills gained in Algebra 1A. Topics include, but are not limited to, polynomials, simplifying radical and rational expressions, solving and graphing quadratic equations, exponential functions, and introduction to probability. This course, together with Algebra 1A, counts as the Algebra 1 requirement for graduation. **However, it does not count as one of the four credits needed to apply for the Florida Bright Futures Scholarship.**

PREREQUISITES: Algebra 1A

NOTE: *Alternate for Algebra requirement when taken with Algebra 1A*

Geometry

Grades: 9, 10, 11

2 Semesters | Credit: 0.5 per semester

This course is designed to develop critical thinking skills in mathematical situations using deduction and discovery. Practical applications of geometric skills and concepts in the real world are included. Topics include, but are not limited to, logic and reasoning, proofs, application of formulas involving perimeters, areas, volumes, and surface areas. Basic principles of two-/three-dimensional figures, algebraic skills, and coordinate geometry will be used in problem-solving situations. Trigonometry is introduced and algebraic concepts such as factoring, and two-variable equations are applied to geometric situations. Additional topics include the study of lines, planes, angles, triangles, similarities, rigid transformations, congruence, explorations with polygons and circles, area and volume, and constructions. Additionally, students will work on test-taking skills and problem-solving skills to successfully complete the end-of-semester examinations.

PREREQUISITES: Algebra 1

NOTE: *Required for Graduation*

Geometry Honors

Grades: 9, 10, 11

20 Semesters | Credit: 0.5 per semester

The honors section provides a more demanding and in-depth study of geometry. It is a rigorous, logical development of the deductive system of reasoning. Additional topics include formal proof construction, the laws of sines and cosines, and an understanding of real-world applications via project-based learning topics. Additionally, students will work on test-taking skills and problem-solving skills to successfully complete the end-of-semester examinations.

PREREQUISITE: Algebra 1 and successful acceptance of Honors Application; subject GPA of 3.5

NOTE: *Alternate for Geometry requirement*

Algebra II

Grades: 10, 11

2 Semesters | Credit: 0.5 per semester

This course is designed to further the study of algebra by applying algebraic skills to other mathematical and scientific fields. Topics include but are not limited to functions (quadratic, polynomial, exponential, logarithmic, rational, and radical), systems, the complex number system, and a brief introduction to statistics and trigonometry. Additionally, students will work on test-taking skills and problem-solving techniques to successfully complete end-of-semester examinations.

PREREQUISITES: Algebra 1

NOTE: *Fulfills one of four math credit requirements*

Algebra II Honors

Grades: 10, 11

2 Semesters | Credit: 0.5 per semester

This course is designed to include a more rigorous, in-depth study of Algebra II. Students are expected to have a solid understanding of Algebra I. Topics include but are not limited to functions (quadratic, polynomial, exponential, logarithmic, rational, radical), systems, the complex number system, and a brief introduction to statistics and trigonometry. Additional topics studied in this course include but are not limited to conic sections, piecewise functions, asymptotic behavior, and rational graphs. Additionally, students will work on test-taking skills and problem-solving techniques to successfully complete end-of-semester examinations.

PREREQUISITES: Algebra I, successful acceptance of Honors Application; subject GPA of 3.5

NOTE: *Fulfills one of four math credit requirements*

Mathematics Data and Financial Literacy

Grades: 10, 11, 12

2 Semesters | Credit: 0.5 per semester

This course is designed for students who need additional instruction and content to prepare them for upper-level math. Mathematical content includes algebra, geometry, number and quantity, and statistics. This course allows students to apply mathematics in financial topics such as personal investment, retirement planning, credit card interest, savings, stewardship, and taxes. Additionally, students will work on test-taking skills and problem-solving techniques to successfully complete end-of-semester examinations.

PREREQUISITES: Algebra 1, Geometry, Students will be administratively placed

NOTE: *Fulfills one of four math credit requirements*

AP Pre-Calculus

Grades: 11, 12

2 Semesters | Credit: 0.5 per semester

This course is designed to build a foundation for the study of Calculus. Topics presented in this course include but are not limited to graphing of functions, polynomials, rational expressions and equations, exponential and logarithmic functions, the complex number system, trigonometry, and an introduction to limits. Additionally, students will work on test-taking skills and problem-solving skills to successfully complete the end-of-semester examinations.

PREREQUISITE: Honors Algebra II or Completion of Algebra II with a grade of B or higher and successful acceptance of Honors Application; subject GPA of 3.5

NOTE: *Fulfills one of four math credit requirements*

Probability and Statistics with Applications

Grades: 11, 12

2 Semesters | Credit: 0.5 per semester

This class is an introductory course in probability and statistics. This course will enable students to make use of statistical literacy to analyze and interpret data. The course includes both descriptive and inferential statistics. Topics include but are not limited to sampling techniques,

measures of central tendency and variability, linear regression, probability, permutations and combinations, discrete and continuous probability distributions, confidence intervals, and hypothesis testing of means and proportions. Additionally, students will work on test-taking skills and problem-solving skills to successfully complete the end-of-semester examinations.

PREREQUISITE: Algebra II

NOTE: *Fulfills one of four math credit requirements*

SCIENCE DEPARTMENT

Biology 1
Biology 1 Honors
Chemistry
Chemistry Honors
Environmental Science
Physical Science
Physics Honors
Marine Science

SEE DUAL ENROLLMENT FOR THE FOLLOWING COURSES:

DE Anatomy & Physiology I
DE Anatomy & Physiology II
Medical Terminology

SCIENCE COURSES

Biology I

Grades: 9, 10, 11, 12

2 semesters | Credit: 0.5 per semester

Biology is the study of life, from the Greek "bios" which means life, and "logos," to study. Students will develop skills in critical thinking, scientific methodology, cooperative learning, research, and safe laboratory technique. This course will explore the fundamental components of all life, with the progressive analysis of microscopic organisms to larger forms of life. Units of study include the nature of life, ecology, cells, genetics, and creation/evolution theory. Biology is taught to broaden the perspective of students into the biological world around them while deepening their understanding of the Creator and His design in nature. This class will have written work, lab work, and projects.

PREREQUISITES: None

NOTE: Required for graduation

Biology I Honors

Grades: 9, 10, 11, 12

2 semesters | Credit: 0.5 per semester

While the content focus of this course is consistent with the Biology I course, students will explore these concepts in greater depth. In general, the academic pace and rigor will be greatly increased for honors-level coursework. Laboratory investigations that include the use of scientific inquiry, research, measurement, problem-solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course. Please Note: Advanced courses require a greater demand on students through increased academic rigor. Academic rigor is obtained through the application, analysis, evaluation, and creation of complex ideas that are often abstract and multi-faceted. Students are challenged to think and collaborate critically on the content they are learning.

PREREQUISITES: Adequate English 9 Honors Essay, MAP testing, and SAT10. Placement test scores, and approved entrance into Algebra 1 or taken Algebra 1 and passed with a B grade or higher.

NOTE: Alternate for Biology requirement

Chemistry

Grades: 10, 11, 12

2 Semesters | Credit: 0.5 per semester

Students explore the fundamental principles of chemistry that characterize the properties of matter and how it reacts. Computer-based and traditional laboratory techniques are used to obtain, organize, and analyze data. Conclusions are developed using both qualitative and quantitative procedures. Topics include, but are not limited to, measurement, atomic structure, electron configuration, chemical bonding, gas laws, properties of liquids and solids, solutions, stoichiometry, acids and bases, nuclear and organic chemistry, and biochemistry. This course will improve problem-solving skills and connect schoolwork with the real world. Laboratory activities and safe laboratory techniques are essential components of the course.

PREREQUISITE: Biology, Algebra I (grade of B or higher)

NOTICE: Fulfills one of three science credit requirements

Chemistry Honors

Grades: 10, 11, 12

2 semesters | Credit: 0.5 per semester

While the content focus of this course is consistent with the Chemistry course, this rigorous two-semester course provides students with an engaging honors-level curriculum that emphasizes mathematical problem solving and practical applications of chemistry. Topics are examined in greater detail than general chemistry in order to prepare students for college-level coursework. Topics include, but are not limited to, measurement, atomic structure, electron configuration, chemical bonding, gas laws, properties of liquids and solids, solutions, stoichiometry, acids and bases, nuclear and organic chemistry, and biochemistry. This course is a college preparatory course, and its rigor will reflect movement towards college-level work. Furthermore, this course will improve problem-solving skills and begin to connect schoolwork with the real world. Throughout the course, students participate in a variety of interactive and hands-on laboratory activities that enhance concept knowledge and develop scientific process skills, including scientific research and technical writing.

PREREQUISITE: Honors application, Biology (grade of B or higher), Algebra I (grade of B or higher)

NOTICE: *Fulfills one of three science credit requirements*

Environmental Science

Grades: 10, 11, 12

2 semesters | Credit: 0.5 per semester

Environmental science is the study of patterns and processes in the natural world and their modification by human activity. To understand current environmental problems, students will consider physical, biological, and chemical processes that are often the basis of those problems. This course will provide the skills necessary to address the environmental issues faced today by examining scientific principles and the application of those principles to natural systems. This course will survey some of the many environmental science topics at an introductory level, ultimately considering the sustainability of human activities on the planet.

PREREQUISITES: None

NOTE: *Fulfills one of three science credit requirements*

Physical Science

GRADES: 9

2 semesters | Credit: 0.5 per semester

Physical science is the scientific study of the non-living natural world, encompassing disciplines like physics, chemistry, astronomy, and earth sciences. It investigates the fundamental principles of matter, energy, space, and time, along with their interactions and the physical laws that govern them. This field is crucial for understanding everything from subatomic particles to the vastness of the universe and forms the foundation for countless technological advancements that shape our daily lives.

PREREQUISITES: None

NOTE: *Fulfills one of three science requirements*

Physics Honors

GRADES: 11, 12

2 semesters | Credit: 0.5 per semester

Physics is an advanced-level science class that satisfies the high school graduation requirement of a physical science class. The physics curriculum includes interactions of matter and energy, velocity, acceleration, force, energy, momentum, and charge. Students will be challenged to apply their knowledge of the laws of physics to solve physics-related critical thinking problems. The course is primarily quantitative and stresses the use of models and mathematical analysis. Concepts are reinforced with simulations, projects, and laboratory investigations.

PREREQUISITES: Biology (grade of B or higher), Chemistry (grade of B or higher), Algebra II (may be taken concurrently), Geometry (grade of B or higher)

NOTE: *Fulfills one of three science requirements*

Marine Science

GRADES: 11, 12

2 semesters | Credit: 0.5 per semester

Marine Science is the study of ocean life. The purpose of this course is to provide students with an understanding of oceanography, marine chemistry, organism behavior and anatomy by type of environment. They will explore the fundamental components of this specific environment, with the progressive analysis of microscopic organisms to larger forms of life. Students will discuss the relationship of humans to each of these organism groups and environments, including medicine, pollution, and the economy. Students will also have several lab activities, including the practice of safe lab techniques. Marine Science is taught to broaden the perspective of students of the marine world around them while deepening their understanding of the Creator and His design in nature. This class will have written work, lab work, research, projects, and presentations.

PREREQUISITES: Biology and Chemistry (semester grades of B or higher in each class)

NOTE: *Fulfills one of three science requirements*

SOCIAL SCIENCE DEPARTMENT

Personal Financial Literacy
World History
World History Honors
United States History
United States Government
United States Government Honors
Economics with Financial Literacy

SEE DUAL ENROLLMENT FOR THE FOLLOWING COURSES:

DE General Psychology
DE Developmental Psychology
DE Cultural Anthropology
DE Civilizations & Ideas

SOCIAL SCIENCE COURSES

Personal Financial Literacy

GRADES: 9

2 semesters | Credit: 0.5 per semester

This course consists of the following content area and literacy strands: Economics, Financial Literacy, Mathematics, and Language Arts for Literacy in History/Social Studies and Speaking and Listening. Basic economic concepts of scarcity, choice, opportunity cost, and cost/benefit analysis are interwoven throughout the standards and objectives. Emphasis will be placed on economic decision-making and real-life applications using real data. The primary content for the course pertains to the study of learning the ideas, concepts, knowledge and skills that will enable students to implement beneficial personal decision-making choices; to become wise, successful, and knowledgeable consumers, savers, investors, users of credit and money managers; and to be participating members of a global workforce and society.

PREREQUISITES: None

NOTE: Required for graduation

World History

GRADES: 10

2 semesters | Credit: 0.5 per semester

This World History course provides students with an intensive study of major events and themes in world history geared toward preparing the students for the academic rigors of college. This course is a survey of world history, starting with God's Creation of the world through the 21st century. The course helps students form connections between diverse areas of the world using the themes of trade, migration, and centers of world power. The course emphasizes the development of reading, writing, analytical, and research skills necessary for understanding historical materials. Students encounter a variety of learning activities and materials, including maps, college-level readings, document-based question essays, Socratic seminars, analysis of primary and secondary historical documents, free-response essays, and library sources.

PREREQUISITES: None

NOTE: Required for graduation

World History Honors

GRADES: 10

2 semesters | Credit: 0.5 per semester

World History Honors develops a greater understanding of global processes, encounters, and interactions that have shaped human history since 8000 B.C.E. Daily activities focus on mastering a selective body of factual knowledge and developing the analytical skills required of advanced students. Critical reading and writing skills are developed through evaluating primary and secondary sources, oral presentations, short essays, and research assignments. Students must be accepted into this course through the honors application process.

PREREQUISITES: Unweighted cumulative GPA of 3.5 or above in English.

NOTE: Required for graduation

United States History

GRADES: 11

2 semesters | Credit: 0.5 per semester

Students will learn about the history of the United States, beginning with a review of the colonial era through the Civil War and Reconstruction, continuing in more detail through industrialization, urbanization, political and social reform, and the beginnings of internationalism. Emphasis will be placed on the political development of institutions and traditions, the continuing development of a uniquely American character, and the influences of isolationism and internationalism. Special attention will be given to the World Wars, the increasing centralization of political power, the Great Depression, the Cold War, the Civil Rights movement, the Vietnam Conflict, and international terrorism.

PREREQUISITES: World History

NOTE: Required for graduation

United States Government

GRADES: 12

1 semester | Credit: 0.5 per semester

This is a one-semester course designed to help students to view democracy not as a spectator sport but as a civic responsibility that demands active participation. The course aims to encourage the enthusiastic participation of the students in the political process, which is critical to strengthening our democracy for the future. This course offers a comprehensive program in the structure and function of the federal, state and local government. At the same time, it calls attention to the basic values on which our political and legal systems are based and the principles that give direction to the ways in which those systems work.

PREREQUISITES: United States History

NOTE: Required for graduation

United States Government Honors

GRADES: 12

1 semester | Credit: 0.5 per semester

This course explores the various ideas, structures and processes embedded within the political framework of the United States Government. It will cover the topics of civic involvement, civic participation and skills, principles of the U.S. Constitution, structures and functions of the federal government, the role of the American people, Florida's state and local governments, public policy, and the economy. The primary focus of the course will be to provide students with an opportunity to develop an understanding of some of the major themes and structures in the modern United States Government, to train students to analyze current and historical evidence and to develop in students their ability to analyze and express political understanding in writing. This course will demand greater independence and responsibility and concentrates on the development of higher-level critical thinking skills, student-centered learning, and problem-solving activities. The course is also reading and writing intensive. This course will also involve off-campus field trips to examine elements of local and state

government and economics. Students must also maintain the required GPA for honors classes. Grades will be evaluated at the end of each quarter. Students who do not maintain the required GPA may be asked to withdraw from the class and move to the standard class.

Prerequisites: United States History

NOTE: Alternate for United States Government requirement

Economics with Financial Literacy

GRADES: 12

1 semester | Credit: 0.5 per semester

The primary objective of this course focuses on introducing students to the world of business and helping prepare them for a more meaningful and beneficial interaction with businesses and our economy. The primary content emphasis for this course pertains to the study of the concepts and processes of the national and international economic systems. Content includes, but is not limited to, currency, banking, and monetary policy, the fundamental concepts relevant to the major economic systems, the global market and economy, major economic theories and economists, the role and influence of the government and fiscal policies, economic measurements, tools, and methodology, financial and investment markets, and the business cycle.

PREREQUISITES: US Government

NOTE: Required for graduation

ENGLISH DEPARTMENT

English 9

English 9 Honors

World Literature 10

World Literature 10 Honors

American Literature 11

American Literature 11 Honors | United States History Honors

English Literature 12

SEE DUAL ENROLLMENT FOR THE FOLLOWING COURSES:

DE English Composition 101

DE English Composition 102

DE Speech

ENGLISH COURSES

English 9

GRADES: 9

2 semesters | Credit: 0.5 per semester

In this whole-language course, students read, discuss, and critically analyze a wide range of literature, including poems, short stories, speeches, and a Shakespearean play. The correct use of grammar and other English language conventions is emphasized as students develop strong paragraph-writing and essay-writing skills through literary analysis and argumentative pieces.

PREREQUISITES: None

NOTE: *Required for graduation*

English 9 Honors

GRADES: 9

2 semesters | Credit: 0.5 per semester

The honors version of English 9 moves at a more accelerated pace. In addition, students do more writing and engage in more robust writing projects than in the standard English 9 course. Students must maintain a "B" grade or above to remain in the course.

PREREQUISITES: High-achievement in 8th-grade English, a recommendation from 8th-grade English teacher, high achievement on placement test and essay test.

NOTE: *Alternate for English 9 requirement*

World Literature 10

GRADES: 10

2 semesters | Credit: 0.5 per semester

In this whole-language course, students read, discuss, and analyze a variety of quality literature representing a wide range of time periods and world cultures. Students consider universal themes from different worldviews including a Christian worldview. This class is generally taken concurrently with World History 10, and connections between the two classes are made as often as possible. Essay writing skills continue to be developed, with an emphasis on persuasive writing.

PREREQUISITES: None

NOTE: *Required for graduation*

World Literature 10 Honors

GRADES: 10

2 semesters | Credit: 0.5 per semester

Students in the honors class read and write more independently and are asked to think more deeply and critically than in the standard class. Honors class students engage in extensive creative writing projects as well as persuasive essay writing. Students must maintain a "B" grade or higher to remain in the class.

PREREQUISITES: Must apply during freshman year and demonstrate high achievement in English 9 as well as strong reading and writing skills

NOTE: Alternate for World Literature 10 requirement

American Literature 11

GRADES: 11

2 semesters | Credit: 0.5 per semester

In this whole-language course, students read, discuss, and analyze quality American literature from a variety of genres and time periods in American history. This class is generally taken concurrently with American history, and connections between the two classes are made as often as possible. Students continue to develop their independent reading and essay writing skills (with an emphasis on literary analysis) and write a research-based paper during the course.

PREREQUISITES: None

NOTE: Required for graduation

American Literature 11 Honors | United States History Honors

GRADES: 11

2 semesters / Credit: 0.5 English credit and 0.5 Social Studies credit per semester

This is a blended course in which students study American literature in conjunction with corresponding events and time periods in American history. Students engage in critical thinking and discussion and develop their writing and research skills. For more details, please see the US History Honors course.

PREREQUISITES: Students interested in taking this class must apply during their sophomore year and demonstrate high achievement in both World Literature 10 and World History as well as strong reading and writing skills. Applicants must meet all requirements as outlined in the application process.

NOTE: Alternate for American Literature 11 requirement

English Literature 12

GRADES: 12

2 semesters | Credit: 0.5 per semester

In this whole-language course, students read, discuss, and analyze classic literature from a variety of British authors, including Shakespeare, Dickens, and Austen. Students in this course will also focus on improving their writing, research, presenting, and communication skills, as well as building their literary analysis and composition skills in preparation for their work beyond high school.

PREREQUISITES: Completion of English 9, World Literature 10, United States Literature 11

NOTE: Required for graduation

RELIGION DEPARTMENT

Bible 9

Bible 10

Bible 11

Servant Leadership I

Bible 12

Servant Leadership II

SEE DUAL ENROLLMENT FOR THE FOLLOWING COURSES:

Jesus in a Contemporary World

RELIGION COURSES

Bible 9

GRADES: 9

2 semesters | Credit: 0.5 per semester

The Freshman Bible class discovers who God is: God the I Am, God on the Cross, and God's gifts. It provides an introduction to God as both a deity and a personal God. Additionally, the freshman class participates in freshman mentoring provided by the Junior Servant Leaders.

PREREQUISITES: None

NOTE: *Required for graduation*

Bible 10

GRADES: 10

2 semesters | Credit: 0.5 per semester

The sophomore Bible curriculum centers on three key themes: the fundamentals of salvation, the story of Hosea, and the life of David. Students explore humanity's need for redemption, God's covenant promises, the purpose of the law, and His justice and mercy, gaining a deeper understanding of the plan of salvation and the Holy Spirit's transforming power. Through the examples of Hosea and David, they see God's enduring faithfulness and grace at work in human lives.

PREREQUISITES: Bible 9

NOTE: *Required for graduation.* Applications for the Servant Leadership Program and Campus Ministries are accepted during the sophomore year.

Bible 11

GRADES: 11

2 semesters | Credit: 0.5 per semester

Juniors explore the validity of the Bible. Through this course, students learn about the Bible's trustworthiness through prophecy and world history found in Daniel and Revelation. Additionally, this class teaches Juniors about the fundamental beliefs of the Seventh-day Adventist church.

PREREQUISITES: Bible 10

NOTE: *Required for graduation*

Servant Leadership I

GRADES: 11

2 semesters | Credit: 0.5 per semester

In addition to the North America Division Encounter curriculum, the Junior Servant Leadership classes examine relationships and team-building strategies. Students dive into small group ministry and learn how to effectively run a small group. Junior servant leaders learn the skills of peer mediation, conflict resolution, peer-to-peer counseling, and mentoring.

PREREQUISITES: Bible 10

NOTE: *Alternate for Bible 11 requirement*

Bible 12

GRADE: 12

2 semesters | Credit: 0.5 per semester

The Seniors in this course take a profound look at worldviews. This course examines how worldviews impact our beliefs and relationship with God. It also examines the life of Jesus through the gospel of John. Lastly, Seniors will look at ethics and Christian living.

PREREQUISITES: Bible 11 or Junior Servant Leadership

NOTE: *Required for graduation*

Servant Leadership II

GRADES: 12

2 semesters | Credit: 0.5 Bible per semester

In addition to the North American Division Encounter curriculum, Senior Servant Leadership equips students with valuable skills for future service within their church communities. These skills include discipleship, fostering connections with local congregations and pastors, sermon development, and church planting or evangelism. Senior servant leaders also take the lead in organizing and guiding UNIFY small groups for the wider student body. Furthermore, this course provides students with hands-on opportunities to participate in outreach programs that positively impact our local community.

PREREQUISITES: Servant Leadership I

NOTE: *Alternate for Bible 12 requirement*

FINE ART DEPARTMENT

Drawing & Painting
Graphic Design
Sculpting & Ceramics
Digital Photography
Honors Digital Photography
Honors Drawing & Painting
Honors Sculpting & Ceramics
AP Drawing
Concert Band
Solid Bronze – Handbells
String Ensemble
Voices of Forest Lake – Choir
Cantabile – Honor Choir

FINE ART COURSES

Drawing & Painting

9, 10, 11, 12

2 semesters | Credit: 0.5 per semester

This is an introductory course in drawing and painting. Students will learn the fundamentals of art, including the elements of design: line, shape, the illusion of space, value, texture, and color. Students will also learn the basic principles of art, including unity, emphasis, proportion, balance, rhythm, and composition. This course will provide students with art-making experiences using a variety of mediums such as pencil, pen and ink, charcoal, acrylic paint, pastel, and watercolor. A materials fee of \$50.00 is required per semester.

PREREQUISITE: None

NOTE: Fulfills Fine Art requirement

Graphic Design

GRADES: 9, 10, 11, 12

2 semesters | Credit: 0.5 per semester

This course introduces students to the principles of graphic design. Emphasis will be placed on the design-process using methods, strategies, and techniques to create original student artwork. Students will apply their knowledge of the elements and principles of design to strengthen their ability to visually communicate ideas. We will explore a range of design techniques using various art materials and software programs such as Adobe Photoshop and Illustrator. Students will analyze, critique artworks, and learn about the origins of graphic design in the history of art.

PREREQUISITE: None

NOTE: Fulfills Fine Art requirement

Sculpting & Ceramics

GRADES: 9, 10, 11, 12

2 semesters | Credit: 0.5 per semester

This course focuses on the basic techniques of making creative and useful pottery and sculpture. Students will be made aware of the basic art elements as they relate to the three-dimensional form using stoneware and porcelain clay bodies. Basic formation techniques, pinch, coiling, slab, sculpture, and wheel throwing, as well as decorating, glazing, and firing procedures, will be covered extensively. A materials fee of \$50.00 is required per semester.

PREREQUISITE: None

NOTE: Fulfills Fine Art requirement

Digital Photography

GRADES: 9, 10, 11, 12

2 semesters | Credit: 0.5 per semester

This course focuses on the basics of photography, including building an understanding of aperture, shutter speed, lighting, and composition. Students will be introduced to the history of photography and basic camera functions. Students will use the basic techniques of composition and camera functions to build a portfolio of images, capturing people, landscapes, close-up, and action photographs. A materials fee of \$50.00 is required per semester.

PREREQUISITE: None

NOTE: Fulfills Fine Art requirement

Honors Digital Photography Honors Drawing & Painting Honors Sculpting & Ceramics

GRADES: 9, 10, 11, 12

2 semesters | Credit: 0.5 per semester

This course is designed for students who are seriously interested in the practical experience of art. Projects are open-ended enough for students to develop their own styles and modes of expression. The development of the portfolio is an ongoing process that uses informed and critical decision-making to assemble a body of work. Work is expected to be of high quality in thought, process, and product.

PREREQUISITES: Students are required to have successfully completed one year of Digital Photography to be considered for Honors Digital Photography, one year of Drawing & Painting to be considered for Honors Drawing & Painting and one year of Ceramics & Sculpting to be considered for Honors Ceramics & Sculpting

NOTE: *Fulfills Fine Art requirement*

AP Drawing

GRADES: 10, 11, 12

2 semesters | Credit: 0.5 per semester

AP Drawing is a college-level studio art course designed for students who are committed to developing their technical skills, creative voice, and artistic vision. Through sustained investigation, students create a portfolio for the College Board that demonstrates mastery of drawing, composition, concept development, and personal expression using traditional and/or digital media.

PREREQUISITES: Successful completion of one Art course and one Honors Art course, or submission of a portfolio of 8–12 original artworks demonstrating comparable artistic proficiency. Enrollment is by invitation from the Art Department based on prerequisite completion and/or portfolio review.

NOTE: *Fulfills Fine Art requirement*

Concert Band

GRADES: 9, 10, 11, 12

2 semesters | Credit: 0.5 per semester

Band is open to students with basic performing skills on woodwinds, brass, or percussion. Members are required to attend all concerts scheduled. Concerts include, but are not limited to, Christmas concert, Alumni Weekend, Festival of the Arts, local church concerts, Band tour, and Spring concert. Membership is at the director's discretion.

PREREQUISITES: None

NOTE: *Fulfills Fine Art requirement*

Solid Bronze - Handbells

GRADES: 9, 10, 11, 12

2 semesters | Credit: 0.5 per semester

The Solid Bronze performing ensemble will learn the art of ringing English Handbells and choir chimes. Although not a requirement, basic piano skills are a plus when auditioning for this ensemble. Members are required to attend all concerts scheduled. Concerts include, but are not limited to, Christmas concert, Alumni Weekend, Festival of the Arts, Tour, Spring concerts, and other appointments in area churches and community. Membership is at the director's discretion.

PREREQUISITES: None

NOTE: *Fulfills Fine Arts requirement*

String Ensemble

GRADES: 9, 10, 11, 12

2 semesters | Credit: 0.5 per semester

String Ensemble is open to students with basic performing skills on violin, viola, cello, and string bass. Members are required to attend all concerts scheduled. Concerts include, but are not limited to, Christmas concert, Alumni Weekend, Festival of the Arts, local church concerts, String Ensemble tour, and Spring concert. Membership is at the director's discretion.

PREREQUISITES: None

NOTE: *Fulfills Fine Art requirement*

Voices of Forest Lake - Choir

GRADES: 9, 10, 11, 12

2 semesters | Credit: 0.5 per semester

Voices is the large choir that is available to all students. An interview and placement audition to determine the voice part of each student is required for membership in this ensemble. Members are required to attend all concerts scheduled. Concerts include, but are not limited to, Christmas concert, Disney Candlelight Processional, Alumni Weekend, Festival of the Arts, and Spring concert. Membership is at the director's discretion.

PREREQUISITES: None

NOTE: *Fulfills Fine Art requirement*

Cantabile – Honor Choir

GRADES: 9, 10, 11, 12

2 semesters | Credit: 0.5 per semester

Cantabile is a select choral ensemble and is available by audition only. All Cantabile members are required to be in Voices of Forest Lake and attend all concerts scheduled for Voices and Cantabile. Concerts include, but are not limited to, all concerts scheduled for Voices of Forest Lake and additional concerts by Cantabile in the community, in area churches, and on tours.

PREREQUISITES: Must be in Voices of Forest Lake

NOTE: *Fulfills Fine Art requirement*

FOREIGN LANGUAGE DEPARTMENT

Spanish I

Spanish II

Spanish II Honors

FOREIGN LANGUAGE COURSES

Spanish I

GRADES: 10, 11

2 semesters | Credit: 0.5 per semester

This class is for students with little or no knowledge of the language. In Spanish I, students will be introduced to common vocabulary, phrases, and concepts necessary for daily interpersonal interaction. Emphasis will be placed on basic communication and comprehension in everyday situations, i.e., survival skills. Students will gain a working knowledge of the basic structure of the target language using the present tense. They will develop their ability to understand spoken and written Spanish.

PREREQUISITES: None

NOTES: *Required for College Prep & Honors diploma*

Spanish II

GRADES: 11, 12

2 semesters | Credit: 0.5 per semester

Spanish II is designed to review and build upon material presented in Spanish I. The activities provided are designed to increase the student's proficiency in the four basic skills: listening, speaking, reading, and writing. There is a heavy emphasis on grammatical structures and verb tenses, such as the past tense, present perfect, conditional, and future tense, along with learning commands, stem-changing verbs, and reflexive verbs.

PREREQUISITES: Successfully completed Spanish I with a passing grade or have taken the CLEP exam and scored a minimum of 85%.

NOTES: *Required for College Prep & Honors diploma*

Spanish II Honors for Native Speakers

GRADES: 10, 11

2 semesters | Credit: 0.5 per semester

Spanish II Honors is designed for students who are native speakers of Spanish and want to further develop their academic language skills. Building on the language they have learned at home, this course focuses on advancing communication, literacy, and cultural understanding. Using the *Avancemos 3* curriculum, students will strengthen their proficiency in listening, speaking, reading, and writing while refining their knowledge of Spanish grammar and vocabulary.

The course emphasizes meaningful communication in a wide range of contexts, including daily life, community, traditions, travel, and global issues. Students will revisit essential concepts from earlier levels while moving into more advanced structures such as the subjunctive mood,

nuanced uses of the preterit and imperfect, commands, and the future and conditional tenses.

Through interactive activities, literature, media, and projects, students will engage with the diverse cultures of the Spanish-speaking world while continuing to develop accuracy, fluency, and academic expression. By the end of the course, students will be able to participate in extended discussions, compose organized essays, and analyze authentic texts with greater depth and confidence.

PREREQUISITE: Native Spanish speaker or instructor approval.

PHYSICAL EDUCATION DEPARTMENT

Fitness for Life

Individual Sports & Conditioning

Running & Tennis

Health

PHYSICAL EDUCATION COURSES

Fitness for Life

GRADES: 9, 10

2 semesters | Credit: 0.5 per semester

Fitness for Life is designed to provide students with opportunities to develop an individual, optimal level of physical fitness, acquire knowledge of physical fitness concepts, and acquire knowledge of the significance of lifestyle on one's health and fitness. Students participate in fitness assessments in which they measure and analyze their own levels of fitness based on the five components of physical fitness: muscular strength, endurance, cardiovascular fitness, flexibility, and body composition. In this course, students will use heart rate monitors to help evaluate and monitor cardiorespiratory fitness.

PREREQUISITES: None

NOTE: *Required for graduation*

Individual Sports & Conditioning

GRADES: 11, 12

1 semester | Credit: 0.5 per semester

Individual sports and conditioning will provide opportunities for students to improve health-related fitness, analyze the effect of these activities on personal fitness, use of heart rate monitors, improve or maintain physical fitness levels to meet the principles of exercise, and explain the relationship between participation in individual/dual activities and health.

PREREQUISITES: None

NOTE: *Required for graduation*

Running & Tennis

GRADES: 10, 11, 12

1 semester | Credit: 0.5 per semester

Tennis & Running provides students with opportunities to acquire knowledge and skills in the sport while maintaining and/or improving their personal fitness. The course's emphasis is on skill development through drills and conditioning, basic strokes, strategy, rules, scoring, etiquette, practice drills, singles and doubles play. Running will consist of 1-to-2-mile runs focusing on cardiorespiratory health and building a personalized running program. Students may repeat Individual Sports/Conditioning and Tennis/Running and receive credit in the class more than once.

PREREQUISITES: None

NOTE: *Alternate for Individual Sports/Conditioning requirement*

Health

GRADES: 11, 12

1 semester | Credit: 0.5 per semester

Health is designed to assist students in obtaining accurate information, developing lifelong positive attitudes and behaviors, and making wise decisions related to their personal health. Study will include personal and community health; mental, emotional, and social health; injury prevention and safety; nutrition and physical activity; alcohol, tobacco, and other drugs; growth, development, and sexual health. Central themes are the acceptance of personal responsibility for lifelong health, respect for and promotion of the health of others, an understanding of the process of growth and development, and informed use of health-related information, products, and services.

PREREQUISITES: None

NOTE: *Required for graduation*

AUDIO | VISUAL DEPARTMENT

Computer Essentials

Computer Science

Video Production

AUDIO | VISUAL COURSES

Computer Essentials

GRADES: 9, 10

2 semesters | Credit: 0.5 per semester

Computer Essentials is a project-based course that introduces students to the fascinating world of computers and technology. It will provide students with an opportunity to learn how to use current industry-standard office software to complete high school coursework using MS Office 2022. This course will also provide an introduction to Computer Hardware and Software, MS Office, and basic video and audio skills that will help the student to have a better performance at FLA and beyond. This course will also introduce skills in the area of Data Management, and it will teach students critical thinking skills needed for a successful professional life.

PREREQUISITES: None

NOTE: *Fulfills vocational requirement*

Computer Science

GRADES: 9, 10, 11, 12

2 semesters | Credit: 0.5 per semester

This is an introductory course in computer science for students seeking a broad overview of the discipline. Students acquire the necessary concepts and skills to apply computing principles and resources effectively in their chosen profession. The topics in this course include the history of computers and technology timeline; the social impact of computing; Software and Hardware; Algorithms and Efficiency; Java and Python programming languages; simulation modeling; basics of Networking, basics of Databases; and Computer-Aided Design. The course includes a gentle hands-on introduction to a variety of fields in computer science.

PREREQUISITES: None

NOTE: *Fulfills vocational requirement*

Video Production

GRADES: 9, 10, 11, 12

2 semesters | Credit: 0.5 per semester

This course will instruct students in an alternate form of communication. Students will learn the specialized vocabulary of the film and television industry and can gain knowledge in the field of video and audio. Students will be trained to use industry-standard equipment and take them through pre-production, production, and post-production processes to gain working knowledge and hands-on experience in all facets of television/video production, including video equipment, storyboarding, scripting, picture composition, audio recording, lighting and editing. Students will also learn to manage their time, meet deadlines, think objectively, develop original styles and gain experience in communicating clearly and effectively.

PREREQUISITES: None

NOTE: *Fulfills elective requirement*

INNOVATION DEPARTMENT

Intro to Innovation

Advanced Innovation: Game Design & Virtual Reality

Innovation Independent Study

INNOVATION COURSES

Intro to Innovation

GRADES: 9, 10, 11, 12

2 semesters | Credit: 0.5 per semester

This foundational course introduces students to the intersection of mechanical, electrical, and software engineering through hands-on innovation and design projects. Students will explore emerging technologies such as Arduino microcontrollers, 3D printing, and computer-aided design (CAD) while learning the design thinking process and agile project management. The course emphasizes creative problem-solving, collaboration, and prototype development. Students will apply what they learn to design and build a functional project addressing a real-world problem.

PREREQUISITES: None

NOTE: Fulfills vocational credit requirement

Advanced Innovation Game Design & Virtual Reality

GRADES: 9, 10, 11, 12

2 semesters | Credit: 0.5 per semester

This advanced course expands upon the principles learned in Intro to Innovation, focusing on immersive technologies and experiential design. Students will explore the technical and creative foundations of virtual, augmented, and mixed reality (VR/AR/MR) platforms, as well as game design, interactive 3D graphics, and user experience (UX/UI) development. Coursework integrates coding, 3D modeling, animation, and human-computer interaction concepts to create engaging and meaningful digital experiences. Students will design and develop their own interactive projects within a chosen medium, blending storytelling, aesthetics, and technology.

PREREQUISITES: Intro to Innovation

NOTE: Fulfills vocational credit requirement

Innovation Independent Study

GRADES: 9, 10, 11, 12

2 semesters | Credit: 0.5 per semester

This individualized course allows students to pursue an in-depth study in a specialized area of innovation aligned with their passions and goals. Working with the Director of Innovation, students will propose a personalized course of study or project plan, set learning objectives, and demonstrate mastery through applied work and reflective documentation. Independent Study students are expected to take initiative, manage time effectively, and produce a tangible outcome such as a prototype, research project, or entrepreneurial venture.

PREREQUISITES: Intro to Innovation

NOTE: Fulfills vocational credit requirement

ELECTIVES

ESL I

ESL II

Life Skills

Journalism: Yearbook

ELECTIVE COURSES

ESL I

GRADES: 9, 10, 11, 12

2 semesters | Credit: 0.5 per semester

This course is designed for beginning English as a second language. The focus is on reading, writing, and grammar skills; emphasis is placed on speaking and listening in the present tense with the use of basic vocabulary and sentence structure.

PREREQUISITE: Students whose primary language is not English

ESL II

GRADES: 9, 10, 11, 12

2 semesters | Credit: 0.5 per semester

This course is designed to help students develop academic writing, reading, critical thinking, and vocabulary skills. The focus is on building reading fluency and writing paragraphs and short compositions connected to ideas from readings. Emphasis will be on intermediate grammar and sentence structures.

PREREQUISITE: Students whose primary language is not English

Life Skills

GRADES: 9

1 semester | Credit: 0.5 per semester

This is a course that is required for all Freshmen. Life Skills will help new students understand what it means to be an FLA student, cope with higher academic expectations, explore new study techniques, and complete homework during this one-semester course. Throughout this course, the students will use a variety of techniques, including learning how to take notes, effectively use their iPad and applications, and understanding the best ways to be a successful student.

PREREQUISITES: None

NOTE: *Required for graduation*

Journalism: Yearbook

GRADES: 10, 11, 12

2 semesters | Credit: 0.5 per semester

Yearbook is designed to provide students with the opportunity to accomplish independent achievement in the journalism field through hands-on experience. The class functions as a publishing staff with student leadership to produce the *Mirror*, the school's yearbook. Staff tasks include editing, writing, creating computer graphic art, proofreading, and photographing school events, with assignments overlapping. Each student will be assigned tasks under the direction of the student editor.

PREREQUISITES: None

NOTE: *Fulfills elective requirement*

DUAL ENROLLMENT

Anatomy & Physiology I
Anatomy & Physiology II
Calculus I
Civilizations & Ideas
Cultural Anthropology
English Composition I
English Composition II
Jesus in a Contemporary World
Medical Terminology
Principles of Accounting I
Principles of Accounting II
Psychology: Developmental
Psychology: General
Speech
Statistics

DUAL ENROLLMENT COURSES

DE Anatomy & Physiology I DE Anatomy & Physiology II

GRADES: 12

On-Campus Course

2 semesters | HS Credit: 1 per semester

DE Credit: 4 per semester

Anatomy & Physiology I is a study of the skeletal, muscular, and nervous systems of the human body, along with their cytology, histology, and chemistry.

Anatomy & Physiology II studies the endocrine, circulatory, lymphatic, respiratory, digestive, urinary, and reproductive systems of the human body.

PREREQUISITES: Minimum cumulative GPA of 3.5 in previous lab-based Science courses, have completed previous 3 credits of science courses, met one of the following criteria: have a minimum composite ACT score of 19 or have a combined Math and ERW SAT score of 990

DE Calculus I

GRADES: 12

On-Campus Course

1 semester | HS Credit: 1 per semester

DE Credit: 4 per semester

1 semester | Credit: 1 Math credit and 3 semester hours of college credit

This course begins the Calculus sequence. It provides instruction and experience that enables the student to apply calculus, related mathematics, and a graphical calculator to structure an understanding of the world around us and to investigate related questions. The course content focuses on limits, derivatives, and basic integration.

PREREQUISITES: Minimum cumulative GPA of 3.5 in previous Math courses, completed Algebra II and Pre-Calculus with a grade of "B" (3.0) or higher for Statistics and an "A-" (3.67) or higher for Calculus, minimum Math score of a 20 on the ACT

NOTE: *Fulfills one of four math credit requirements*

DE Civilizations & Ideas

GRADES: 11, 12

Asynchronous Course

1 semester | HS Credit: 0.5 per semester

DE Credit: 3 per semester

This course examines historical and intellectual developments. It encourages critical thinking about global historical contexts.

PREREQUISITES: Must have qualifying unweighted GPA of 3.5. Student must confirm with universities for additional qualifying prerequisites.

NOTE: *Student must confirm online meeting times.*

DE Cultural Anthropology

GRADES: 11, 12

Asynchronous Course

1 semester | HS Credit: 0.5 per semester

DE Credit: 3 per semester

This course explores human cultures and societal developments. It provides insights into global perspectives and cultural diversity.

PREREQUISITES: Must have qualifying unweighted GPA of 3.5. Student must confirm with universities for additional qualifying prerequisites.

NOTE: *Student must confirm online meeting times.*

DE English Composition I

DE English Composition II

GRADES: 12

On-Campus Course

2 semesters | HS Credit: 1 per semester

DE Credit: 3 per semester

This course covers the required coursework for college English.

PREREQUISITES: Minimum cumulative GPA of 3.5, ACT English score of 20 or higher, or SAT EBRW score of 560 or higher.

NOTE: *Alternate for English 12 requirement*

DE Jesus in a Contemporary World

GRADES: 12

On-Campus Course

1 semester | HS Credit: 1 per semester

DE Credit: 3 per semester

This course is an exploration of the life and teachings of Jesus Christ with special attention given to their application to personal, social, and religious issues encountered in contemporary society.

PREREQUISITES: Minimum cumulative GPA of 3.5

NOTE: ***Class is for one semester and then student will be in senior Bible for the remainder of the school year.*** Student must enroll in both semesters to meet FLA Bible requirements. Please check with school you will be transferring to regarding credit acceptance. Some schools may not take Bible credit.

DE Medical Terminology

GRADES: 11, 12

Asynchronous Course

1 semester | HS Credit: 0.5 per semester

DE Credit: 1 per semester

This course is an introduction to specialized healthcare language. It is ideal for students interested in medical or healthcare careers.

PREREQUISITES: Must have qualifying unweighted GPA of 3.5. Student must confirm with universities for additional qualifying prerequisites.

NOTE: *Student must confirm online meeting times.*

DE Principles of Accounting I

GRADES: 11, 12

Asynchronous Course

1 semester | HS Credit: 0.5 per semester

DE Credit: 3 per semester

Emphasis upon understanding the accounting cycle and the content and preparation of financial statements. Labs are designed to further address, through practice and implementation, the content of this course.

PREREQUISITES: Must have qualifying unweighted GPA of 3.5. Student must confirm with universities for additional qualifying prerequisites.

NOTE: *Student must confirm online meeting times.*

DE Principles of Accounting II

GRADES: 11, 12

Asynchronous Course

1 semester | HS Credit: 0.5 per semester

DE Credit: 3 per semester

Studies fundamental concepts of cost and managerial accounting. Labs are designed to further address, through practice and implementation, the content of this course.

PREREQUISITES: Must have qualifying unweighted GPA of 3.5. Student must confirm with universities for additional qualifying prerequisites.

NOTE: *Student must confirm online meeting times.*

DE Psychology: Developmental

GRADES: 12

On-Campus Course

1 semester | HS Credit: 0.5 per semester

DE Credit: 3 per semester

Developmental Psychology is the study of human life from conception through death. Emphasis is placed on the individual's physical, cognitive, social, and psychological development. Issues are discussed regarding the continuity of development throughout the life span, how early experiences may affect later development, and the influence of genetics, familial factors, and the environment.

PREREQUISITES: Minimum cumulative GPA of 3.5

NOTE: *Fulfills elective requirement*

DE Psychology: General

GRADES: 12

On-Campus Course

1 semester | HS Credit: 0.5 per semester

DE Credit: 3 per semester

General psychology is a survey of psychology, including human development; sensation and perception; learning and thinking, emotions, motivation, personality, and stress, as well as psychological disorders and their treatment.

PREREQUISITES: Minimum cumulative GPA of 3.5

NOTE: *Fulfills elective requirement*

DE Speech

GRADES: 11, 12

On-Campus Course

1 semester | HS Credit: 0.5 per semester

DE Credit: 3 per semester

This elective course introduces students to the principles of effective public speaking. Students prepare and deliver a variety of speeches to their classmates and engage in other public speaking activities, such as formal debates.

PREREQUISITES: None

NOTE: *Fulfills elective requirement*

DE Statistics

GRADES: 12

On-Campus Course

1 semester | HS Credit: 1 per semester

DE Credit: 3 per semester

Statistics is intended to provide the conceptual foundations and analytical skills for students to quantify uncertainty and further make rational decisions in the face of uncertainty. It

addresses a collection of high-quality data, basic statistical analysis of such data, including the use of computer software, and drawing actionable conclusions from analyses. These conclusions include understanding the limitations of statistical analyses. Integrating subject matter knowledge with data analysis within the sequential cycle of scientific inquiry will be emphasized. This course also intends to prepare students for more advanced statistics courses, such as experimental design or regression analysis.

PREREQUISITES: Minimum cumulative GPA of 3.5 in previous Math courses, completed Algebra II and Pre-Calculus with a grade of "B" (3.0) or higher for Statistics and an "A-" (3.67) or higher for Calculus, minimum Math score of a 20 on the ACT

NOTE: *Fulfills one of four math credit requirements*