



COURSE GUIDE

2017-2018 | GRADES 9-12



New Life Academy
www.newlifeacademy.org



ONLINE COURSE REGISTRATION DIRECTIONS



Dear Student and Parents:

Arranging your educational program requires careful decision making on your part. Registering for courses is one of the most important activities you will undertake each year!

Please review all of this information carefully. Your counseling office personnel are eager to assist you in this venture in any way possible. Do not hesitate to contact us – we are here to advise and help you find answers to your questions.

You will be assigned to your most preferred courses as space is available and class schedule allows. Please carefully consider course selections, recognizing that decisions made now directly affect course offerings, class size, and the master schedule. Changes may not be possible later.

The following items summarize the highlights of the course registration process. Please pay close attention to this information:

- Realize that you are registering for the entire school year.
- In completing your registration, carefully review the course descriptions, prerequisites, grade level, and other requirements (* Denotes a higher-level course).
- You should indicate first and second choice options and if applicable your third and fourth choice options. (In the event that your first choice class is not available, we will then know your alternative selections.) You will do this by selecting Class Rank in myEagleNet under the Class Registration page.

Your careful consideration of the above guarantees a good start to the next school year. We look forward to working with you!

Sincerely,

Mindy Haukedahl
Director of School Counseling
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Kimberly Chirpich
School Registrar
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Online Registration Instructions

1. Log into myEagleNet
2. Go to the Home Page
3. Click on Class Registration (left side menu)
4. You will now be on the Class Registration page, select the courses you are interested in

GRADUATION REQUIREMENTS

Twenty-five (25) credits are required to graduate from New Life Academy. The following is a list of required and elective courses, as well as their credit values. Students must carry a minimum of six credited courses per semester. Use this credit checklist as you complete your courses.

Bible

(4 Credits Required)

Required Classes

- Bible 9 - Introduction to the Bible (1)
- Bible 10 - Mission of God (1)
- Senior Bible Capstone (.5)

Elective Classes

- Christian Thought (.5)
- CIS Bible* (.5)
- Introduction to Ministry (.5)
- Principles of Bible Interpretation (.5)
- Worldviews (.5)

English

(4 Credits Required)

Required Classes

- English 9 or Honors English 9 (1)
- English 10 or Honors English 10 (1)
- College Writing (.5)

Elective Classes

- AP English Literature* (1)
- British Literature (.5)
- Creative Writing (.5)
- Journalism (.5)
- Oral Communication (.5)
- Shakespearean Literature (.5)
- Survey of American Literature (.5)
- The American Novel (.5)
- World Literature (.5)

Fine Arts

(1 Credit Required)

Elective Classes

- Applied Design (.5)
- AP Art History* (1)
- Chapel Band (.5)
- Choir - Vocal Music (1)
- Digital Photography (.5)
- Drama - Acting (.5)
- Graphic Design (.5)
- Intro to Filmmaking (.5)
- Morningstar Choir (.5)

- Publications (0.5)
- Painting/Drawing (.5)
- Studio Art (.5)

Health

(1/2 Credits Required)

Required Classes

- Health (.5)

Mathematics

(3 Credits Required, 4 Recommended)

Required Classes

- Geometry (1)
- Algebra II or Honors Algebra II* (1)

Elective Classes

- AP Calculus AB* (1)
- AP Statistics* (1)
- Business Math (.5)
- Personal Finance (.5)
- Calculus (.5)
- Pre-Calculus (1)
- Statistics (.5)

Physical Education

(1 Credit Required)

- Physical Education (0.5)

- Strength Training & Personal Fitness (.5)

- Extracurricular Athletic Credit (.25 - .5)

Science

(3 Credits Required)

Required Classes

- Physical Science (1)
- Biology (Honors Biology* or AP Biology* (1)
- Chemistry (or AP Chemistry*) or Applied Physics (or AP Physics*) (1)

Elective Classes

- AP Physics* (1)
- AP Biology* (1)
- AP Chemistry (1)
- Honors Human Anatomy &

- Physiology* (1)

- Independent Science Research (.5)

Social Studies

(3.5 Credits Required)

Required Classes

- World History & Geography (1)
- US History (or AP US History*) (1)
- Civics or Comparative World Govt (.5)
- Economics (.5)

Elective Classes

- AP Art History* (1)
- AP European History* (1)
- PSEO Cultural Anthropology (.5)
- PSEO Psychology (.5)
- Sociology (.5)

Technology

(1/2 Credit Required)

- Computer Science (.5)
- Digital Photography (.5)
- Graphic Design (.5)
- Intermediate Technology (.5)
- Publications (.5)

World Language

(2 Credits Required)

- Spanish I (1)
- Spanish II (1)
- Spanish III (1)
- CIS Spanish* (1)

Additional Opportunities

- PSEO Class
- Study Hall (0)
- Teacher/Staff Aide (.5)
- ELL (English Language Learners) (.5)

FOUR YEAR PLANNING GUIDE

To assist in the scheduling of required and elective courses at New Life Academy, refer to the chart below. The recommended order of required courses is indicated below and leaves room for electives to be included during the four years. The blank boxes should be filled with courses of interest and may only include one study hall per semester.

Subject	9th Grade	10th Grade	11th Grade	12th Grade
Bible 4 credits	Intro to the Bible	The Mission of God	Full Year of Bible Electives	Sr Bible Capstone & Bible Elective
English 4 credits	English 9 or Honors English 9	English 10 or Honors English 10	English Elective and College Writing	Full Year of English Electives
Mathematics 3 credits	Geometry	Algebra II or Honors Algebra II	Full year of Math Electives	U of M Engineering programs require a 4th year of Math
Science 3 credits	Physical Science	Biology, Honors Biology or AP Biology	(AP) Chemistry or (AP) Physics	Many colleges require 3 years of Science
Social Studies 3.5 credits	World History & Geography	US History or AP US History	Economics, Civics, or Comparative World Government	One semester of Social Studies elective
World Language 2 credits	Spanish I	Spanish II	Many colleges require 3-4 years of World Language	Many colleges require 3-4 years of World Language
Other Required Courses 5.5 credits include PE 1 Health 0.5 Fine Arts 1 Technology 0.5 Academic Electives 1 Any Electives 2	One semester of Fine Arts Elective (Art, Drama or Music) or AP Art History (1 semester counts as Fine Arts and 1 semester counts as Social Studies)	PE	Health Technology course (Graphic Design, Publications, Intermediate and Computer Science)	PE
Total Required Credits 25 credits	6.5	6.5	6	6

Required courses

BIBLE COURSES

The story of the Bible is the most exciting story ever told. It is the story of a God, His people and the promise of a king who would bring peace and life to all people. The message of the Bible is that Jesus is this promised king, who died in our place, making peace and securing the future of all who believe. Through studying the Bible, students are able to see the world through the lens of Christ. Students seek God's good intention for the world, an understanding of how things went wrong, how Christ set things right, and a picture of what is to come.

Required Courses

- Intro to the Bible
- The Mission of God

Bible 9 – Introduction to the Bible

Length of Class: 2 semesters, 1 credit
Open to Grade(s): 9
Prerequisite: None

Course Description: Students will study the entire Bible following the person and character of Christ from Genesis to Revelation. This course is a study of God's plan for redemption. The objective of the course is to learn God's character, plans and purposes through study of characters, major events and flow of the text to a personal relationship with Christ.

Bible 10 – The Mission of God

Length of Class: 2 semesters, 1 credit
Open to Grade(s): 10
Prerequisite: Intro to the Bible

Course Description: In 10th grade, the focus is on learning about the Gospel of Jesus Christ. Throughout the year, students are asked three questions: What is the Gospel? What does the Gospel change in us? How do we take the Gospel into the world? The course focuses on inductive study through the books of Acts and Ephesians for the first semester. The second semester follows an outline of the book *The Gospel in Life* by Timothy Keller as the students interact with the Gospel in various aspects of life. Throughout the school year, an emphasis is placed on cultural and world engagement for and with the Gospel of Christ. The students learn that it is through the Gospel that lives are changed and God's plan for the world is brought into focus.

Christian Thought

Length of Class: 1 semester, .5 credit
Open to Grade(s): 11, 12
Prerequisite: The Mission of God

Course Description: Christian Thought is an introduction to Christian theology, church history, and the Christian worldview. This course is designed around reading and responding to "classic" Christian writings on a variety of important theological and devotional topics. The goal of this course is to develop a way of thinking and understanding that makes it possible to engage truth and culture with the message of Christ.

CIS Bible*

Length of Class: 1 semester, .5 credit
Open to Grade(s): 11, 12

Prerequisite: The Mission of God with a grade of B+ or higher and/or a minimum cumulative GPA of 3.0.

Course Description: CIS Bible, a collaboration with Bethel University and offered as Bethel University's Bible 101, taught on the New Life campus. This one-semester course covers Genesis through Revelation. CIS Bible examines the books of the Bible in their chronological flow through history. The course is an overview of the entirety of scripture with an emphasis placed on interpretation, purposes, messages and themes. The goal is to provide an overall understanding of the messages of scripture and the tools to interpret and apply God's word to the individual's life. Please Note: There is an additional college credit fee of approximately \$180 required for this course. In addition to high school credit, students will receive three Bethel University college level credits.

Introduction to Ministry

Length of Class: 1 semester, .5 credit
Open to Grade(s): 11, 12
Prerequisite: The Mission of God

Course Description: This course will introduce students to various types of ministry and assist them in identifying their gifts. In addition, it will help equip students to be the leaders of the church that this world desperately needs. The goal is for students to start to look for and find ways to use what they have learned and the ways they have been gifted. The course is very practical and dynamic in nature. It is the perfect fit for the student that is looking for ways to get involved and use their talents for Christ.

Principles of Biblical Interpretation

Length of Class: 1 semester, .5 credit
Open to Grade(s): 11, 12

Course Description: Course Description: This course is a study of the interpretative principles involved in discerning the meaning of the biblical text. Students will engage with the various genres of scripture so that they may interpret passages within their historical context and apply them for today. The course requires a hands-on approach that involves the student in the research and interpretation of various passages of the Bible.

Course Materials: How to Read the Bible for All it's Worth by Gordon D. Fee and Douglas Stuart and Hard Copy of The Bible (preferably ESV Bible)

Course Units: Introduction to Interpretation, Interpretation Need, Tools for Interpretation, The Epistles, Old Testament

Narrative, The Book of Acts, The Gospels, The Parables, The Law, The Prophets, The Psalms, Wisdom Literature, Revelation, The Centrality of Christ, The Culmination of Scripture, Final Project

Worldviews

Length of Class: 1 semester, .5 credit
Open to Grade(s): 11, 12
Prerequisite: The Mission of God

Course Description: Worldviews seeks to help students apply their faith and biblical knowledge, on a practical level, to their lives now and after they leave New Life Academy. This course is designed to provide students with an understanding of how their faith affects their lives and acts itself out on a daily level. An emphasis is placed on comparing the truth of the gospel with competing worldviews and religions. Students learn how to articulate and defend their faith in this world.

Senior Bible Capstone

Length of Class: 1 semester, .5 credit
Open to Grade(s): 12

Course Description: The purpose of Senior Capstone is to firmly establish students in the gospel and give them the opportunity to demonstrate their knowledge and application of God's word. Senior Capstone is the culmination of the students' Biblical and Theological training at New Life Academy. The course is a way to pull all of the students' learning and training together and for them to demonstrate not only a mastery of the subject area, but also how the Bible and the gospel integrate and affect their lives.



Bible students lead Elementary students in Community Groups during Elementary Chapel.

ENGLISH COURSES

The New Life Academy of Woodbury English Department believes that a primary goal of education is to equip young adults to interact with the world from a Christ-centered perspective. In order to achieve these goals effectively, we want our students to be able to write well, think critically about complex issues, and speak confidently in small and large group settings.

In order to achieve these goals, the English department will focus on developing a love for reading, critical thinking and research skills, as well as crucial listening and speaking tools. By reading various forms of texts, students will not only be able to enjoy the characters they meet, but they will be able to see how themes apply to our world today. They will be able to successfully articulate the complexity of the issues raised in their texts in verbal and written form. From a Biblical perspective, they will be able to engage their peers and teachers in valuable and difficult discussions. The goal of the English Department to have all students display the following attributes of an effective Christian citizen:

- Support and defend viewpoints
- Enjoy reading of all types
- Produce clear and effective writing in various forms
- Develop polished public speaking skills
- Understand and respect differing viewpoints

Required Courses

- English 9 or Honors English
- English 10 or Honors English 10
- College Writing

English 9

Length of Class: 2 semesters, 1 credit

Open to Grade(s): 9

Prerequisite: None

Course Description: Students will develop critical and analytical thinking skills as they study composition, grammar, as well as various authors and genres of literature. When finished with this course, students will have explored and developed their organization and fluency of writing, basic research skills, public speaking skills, grammar knowledge, and recognition and understanding of multiple genres of literature.

Honors English 9*

Length of Class: 2 semesters, 1 credit

Open to Grade(s): 9

Prerequisite: English 8 with a grade of A and Counselor Approval

Course Description: Honors English 9 follows a similar curriculum to English 9; however, Honors English will have higher expectations in terms of workload and depth of content. Students will have larger reading assignments, longer writing assignments, and will give

formal presentations. The main essays students will write focus on personal reflection, analysis, research, and the implementation of formal structures.

English 10

Length of Class: 2 semesters, 1 credit

Open to Grade(s): 10

Prerequisite: English 9

Course Description: This course is designed to prepare sophomore students to read literature on a deeper level and to study and communicate through writing and speaking. Students will read a variety of novels and plays, as well as many poems and short stories. Students will strengthen their fluency in reading, as well as develop their knowledge of various literary genres (short stories, poetry, plays, novels, etc.). Furthermore, students will strengthen their critical thinking skills through literary analysis and in the writing of investigative papers.

Honors English 10*

Length of Class: 2 semesters, 1 credit

Open to Grade(s): 10

Prerequisite: English 9 with a grade of A or Honors English 9 with a grade of B+ or higher and/or a minimum cumulative GPA of 3.0

Course Description: The Honors English 10 course follows a similar curriculum as the English 10 course; however, Honors English students will be working at a higher level of expectation. All writing assignments are longer, a higher degree of skill is assumed, and a greater understanding of grammar and composition is expected. Research papers, analysis essays, novels, short stories, and other works of literature will be studied to prepare students for future literature and composition courses. Students will read a variety of novels and plays with emphasis placed on interpretation, character study, vocabulary, and plot structure.

AP English Literature*

Length of Class: 2 semesters, 1 credit

Open to Grade(s): 11, 12

Prerequisite: English 10 or Honors English 10 with a grade of B+ or higher and/or a minimum cumulative GPA of 3.0

Course Description: This course is a college-level introductory course in reading and critical analysis of literature. The class is designed to expose students to many different types of literature. Writing will be heavily emphasized. Students will read assigned poetry and literature and approved novels of their own choosing. AP practice tests/compositions will help prepare students for the AP Literature exam in the spring to earn possible college credit.

British Literature

Length of Class: 1 semester, .5 credit

Open to Grade(s): 11, 12

Prerequisite: English 10

Course Description: British Literature is a survey course that examines the classics of British literature from the Anglo-Saxon period to the present. Students will read many genres of literature from all eras of English history (including old, middle, and modern English). Evaluation will be a mixture of tests, quizzes, compositions, class discussions, and participation.

College Writing

Length of Class: 1 semester, .5 credit

Open to Grade(s): 11, 12

Prerequisite: English 10

Course Description: College Writing is designed to help students improve the writing skills essential in their continued success throughout high school and college. Students will review and learn to apply many skills in this course: correctly using grammar and punctuation conventions in written works, conducting analytical research, and strengthening editing skills. Students will work on a college application essay, an ACT writing prompt, an autobiographical essay, argumentation essays, and a résumé. This class will follow a workshop-type model, meaning students will have constant support from both peers and their teacher in writing conventions, organization, and presentation of written ideas.

Creative Writing

Length of Class: 1 semester, .5 credit

Open to Grade(s): 11, 12

Prerequisite: English 10

Course Description: Within this writing intensive structure, students will explore various forms of poetry, fiction, and narrative writing including, but not limited to, the following: short story writing, poetry, play writing, and vignettes. Students will focus on writing elements, style, language, point of view, and characterization techniques in their writing assignments. This is a course for students who not only want to improve their writing skills, but also enjoy writing.

Journalism

Length of Class: 1 semester, .5 credit

Open to Grade(s): 11, 12

Prerequisite: English 10

Course Description: Journalism is designed to teach students how to write concisely, to gather important information, to effectively ask questions, and to research important events effectively. Students will learn the inverted pyramid style of writing, AP formatting, and other styles of article flow. Students will understand and master most journalistic styles of articles, including features, profiles, editorials, and opinion articles. In addition to these writing skills, students will identify ethical issues journalists face and consistently observe and discuss current events.

Oral Communication

Length of Class: 1 semester, .5 credit
 Open to Grade(s): 11, 12
 Prerequisite: English 10

Course Description: Oral Communication is designed to teach entry-level speech communication skills and the ethical and moral responsibility of public speaking and leadership. Students will be reviewing many areas of speech communication including confidence building, nonverbal communication, and effective language. They will also practice researching, outlining, and delivering informative, persuasive, impromptu, and how to speeches. In addition, students will take part in a group communication and develop practical skills in interviewing.

Shakespearean Literature

Length of Class: 1 semester, .5 credit
 Open to Grade(s): 11, 12
 Prerequisite: English 10

Course Description: In this course, students will read several of Shakespeare’s sonnets and plays. Students will engage in discussion and interpretation, which will enable them to develop an appreciation for Shakespeare’s style and skill, and give them a greater understanding of the language of Shakespeare and the themes common in his writings.

Survey of American Literature

Length of Class: 1 semester, .5 credit
 Open to Grade(s): 11, 12
 Prerequisite: English 10

Course Description: In this course, students will investigate the rich history of American literature from the 18th

century to the present. Students will learn about historical, political, and social events that framed American literary movements through the study of short stories, essays, poetry, plays and novels.

The American Novel

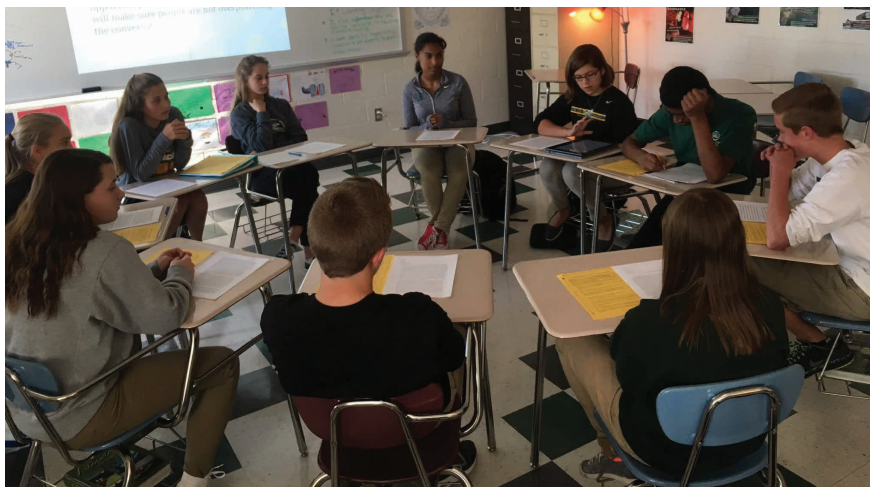
Length of Class: 1 semester, .5 credit
 Open to Grade(s): 11, 12
 Prerequisite: English 10

Course Description: In this course, students will investigate the rich history of the American novel. Students will learn how historical, political, and social events created the framework for the American novel. The main novels this course will focus on are *The Great Gatsby*, *The Scarlet Letter*, *Into the Wild*, *House on Mango Street*, and *Catcher in the Rye*. Some other short texts may be supplemented to help students’ understanding of the time period and authors.

World Literature

Length of Class: 1 semester, .5 credit
 Open to Grade(s): 11, 12
 Prerequisite: English 10

Course Description: World Literature is a survey course designed to introduce students to a study of literature from other time periods and cultures around the world. As students study these extremely varying works, they will examine common themes that unite the different cultures. Furthermore, students will discuss how literature from ancient or distinct cultures can still relate to our lives in the modern world. The semester will culminate in a compare/contrast essay which analyzes two works from different countries.



Socratic seminars

🎵 FINE ARTS - MUSIC & DRAMA

Chapel Band

Length of Class: 2 semesters, .5 credit

Open to Grade(s): 9, 10, 11, 12

Prerequisite: Members need to interview and audition in the spring for the next school year. Auditions are communicated to the student body. Requires a commitment for the full school year.

Course Description: Chapel Band is a performance based, ministry oriented, music group. The Chapel Band meets to plan, practice and prepare secondary student music, along with exploring several worship styles through research and field trips to venues in the area.

Choir-Vocal Music

Length of Class: 2 semester, 1 credit

Open to Grade(s): 9, 10, 11, 12

Prerequisite: Audition and consent of the director

Course Description: In order to be successful, any choir must demand excellence from each individual member. The individual contribution to such a group must reflect a measure of self-discipline and a desire for growth towards a positive attitude, excellence in skill performance, and useful knowledge of the subject matter. This talent comes to each one of us from God and we must give Him the credit for our musical ability. Highlights of High School Choir are Choir Tour every other year, singing at the Mall of America and singing at the St. Paul Cathedral. The next Choir Tour is during the 2017-18 school year and incurs an additional cost of \$600-\$700. Each student that joins the Choir for the 2017-18 school year must participate in the Choir Tour.

Morningstar

Length of Class: 2 semesters, .5 credit

Open to Grade(s): 9, 10, 11, 12

Prerequisite: Audition, consent of the director, two years of Choir or current enrollment in Choir.

Description: Morningstar is a performance based, ministry oriented, touring, music/drama group. Students must audition in the spring prior to the year they wish to participate. The class meets three mornings a week before school to prepare for presentations at New Life chapel services as well as at other schools, churches, and places where invitations are extended. Highlights of Morningstar are singing at Town Square in St. Paul at Christmas time and the Mall of America with a Morningstar tour every other year.

Drama-Acting

Length of Class: 1 semester, .5 credit

Open to Grade(s): 9, 10, 11, 12

Prerequisite: none

Course Description: This course is a comfortable way to learn and develop skills in creative dramatics and acting. Units of study will involve basic to complex areas of acting including emotional development, physical movement and improvisation, solo and ensemble work, along with Character analysis. This course is an exciting way to develop poise in front of a group, while experiencing the thrill of involvement in theatre. Students will be expected to watch and critique two live performances.


Band

Length of Class: 2 semesters, 1 credit

Course Description: Band is offered to students committed to performing in small groups and large ensemble all while developing skills on their instrument. The band performs two main concerts at NLA, one at Christmastime and the other in the spring. Other performances or activities are also planned throughout the year, such as performing at the Mall of America or visiting Orchestra Hall.



FINE ARTS – VISUAL ARTS

 "Art is not something separate from life, but something at the heart of life which celebrates the fact that we are creator children of a Creator God." Steve Turner

AP Art History*

Length of Class: 2 semesters, 1 credit

Open to Grade(s): 11, 12

Prerequisite: Any AP class, Studio Art, Applied Design, 2-D/Printmaking/Photography, Sculpture, or Painting/Drawing with a grade of B+ or higher and/or minimum cumulative GPA of 3.0.

*Can fulfill 1 credit for Fine Arts or 1 credit for History.

Course Description: AP Art History is designed to provide the same benefits to high school students as those provided by an introductory college course in art appreciation or art history. This course will educate and enhance understanding and enjoyment of architecture, sculpture, painting, and other art forms within historical and cultural contexts. In this course, students examine major forms of artistic expression from the past and present and from a variety of cultures. Students will learn to look at works of art critically, with intelligence and sensitivity, and to articulate what they see or experience. AP Art History will help students develop visual literacy, oral and written skills of comparative analysis (emphasizing descriptive and analytical writing about works of art and architecture from many cultures and time periods), and the understanding of those works in historical and sociological contexts (politics, religion, patronage, gender, function, ethnicity, and formal stylistic observations). An optional AP exam may be taken for an additional fee. Students scoring a 3 or above on the exam (1-5 possible) receive college credit, advanced placement, or possibly both, at certain colleges/universities. AP Art History can be applied (if passed and approved by college) to either an Art History or general art appreciation course in college.

Studio Art

Length of Class: 1 semester, .5 credit

Open to Grade(s): 9, 10, 11, 12

Prerequisite: None

Course Description: Studio art is an introductory foundation art course for students wanting to develop and improve basic art skills and knowledge of artists, mediums, techniques, and art processes. Emphasis is placed on the Elements of Art and the Principles of Design in order for

students to create expressive, but well-organized works of art. This course is designed to give students experiences into creative problem solving using a variety of techniques and media, as well as the study of art history and art criticism to understand what art is and how art is created, while discovering their God-given abilities to create. This course is modified each semester so students may take multiple semesters.

Applied Design

Length of Class: 1 semester, .5 credit

Open to Grade(s): 9, 10, 11, 12

Prerequisite: Studio Art recommended.

Course Description: Applied Design will introduce students to the art of functional design and art while learning the Elements and Principles of Design. Students will explore areas such as architecture, interior design, industrial design, and fashion design using various materials and programs. Students will design and build a model home, create an interior design for a room of the home they design, work at designing a wearable piece of art (fashion, millinery, jewelry, cobbling, etc.), as well as explore industrial design.

Graphic Design I

Length of Class: 1 semester, .5 credit

Open to Grade(s): 9, 10, 11, 12

Prerequisite: An art class or technology class recommended.

*Can fulfill a .5 credit of Fine Arts or .5 credit for Technology

Course Description: The ability to visually solve problems is what defines graphic design, and its effectiveness is measured by a designer's ability to convey the message they seek to send through a variety of channels including logos, posters, advertisements, website, package design, branding material, etc...In this class we will examine these platforms and others, as well as look at the history, theory, and the tools that can be used to achieve effective graphic design. This course will introduce students in the basic language and principles of Graphic Design. Students will learn the basics of good design by using Adobe Illustrator and Photoshop software applications, as well as illustration to create various designs.

Graphic Design II

Length of Class: 1 semester, .5 credit

Open to Grade(s): 9, 10, 11, 12

Prerequisite: Graphic Design I with a 3.0 or higher

Course Description: In this class you will continue to examine the history, theory, and the tools that can be used to achieve effective graphic design. Students will use the language and principles of Graphic Design to implement learning into successfully designed projects and art. Students will expand their knowledge of Adobe Illustrator, Photoshop, and InDesign software applications, as well as illustration to create various media. Students will also help guide, instruct, and critique Graphic Design I students in order to build a creative environment which fosters innovation and encouragement to have all students develop the process of communicating information through creative applications.

2-D/Printmaking/Photography

Length of Class: 1 semester, .5 credit

Open to Grade(s): 9, 10, 11, 12

Prerequisite: Studio Art recommended

Course Description: This class will focus on two-dimensional art in the areas of printmaking and photography. Students will learn basic photography concepts and composition using pinhole, film, and digital formats. Students will make cameras, develop negatives and prints through darkroom development, and create photo montages using both print and Photoshop techniques. Students also explore the fundamentals of 2D printmaking using intaglio and relief printing processes.

Intro to Filmmaking

Length of Class: 1 semester, .5 credit

Open to Grade(s): 9, 10, 11, 12

Prerequisite: none

*The Intro to Filmmaking course can fulfill a .5 credit for Fine Arts or .5 credit for Technology

Course requirements

A camera with video capabilities. Any will do. It is preferable that it is one with a manual focus. A phone will work.

- A portable external hard drive (at least 350 GB)
- An SD card with at least 16 GB
- Headphones

Course Description: In this course, students are introduced to the basics of filmmaking. With a focus on technical and narrative structure, students produce short narrative and documentary projects through individual and group work.

Topics include basic cinematography, camera shots and movements, basic light techniques, editing techniques, and introductory sound design. Students will acquire hands-on experience in digital film production.

Sculpture

Length of Class: 1 semester, .5 credit

Open to Grade(s): 9, 10, 11, 12

Prerequisite: Studio Art recommended

Course Description: The course is designed to give an introductory experience to 3D/sculpture as part of visual arts using various mediums such as wood, clay, metal, plaster, and paper. Students will explore movements, works, and artists within sculpture, architecture, industrial design, and monumental design while discovering God-given abilities in a fun and challenging atmosphere.





HEALTH/PHYSICAL EDUCATION

Health

Length of Class: 1 semesters, .5 credit

Open to Grade(s): 9, 10, 11, 12

Prerequisite: none

Course Description: This class is designed to be personal and specific for each student so that they will be able to use this information later in life. The following units will be covered in health: self-worth, depression/suicide awareness, stress, fitness, nutrition/problems with food, dating/sex education/abstinence, and substance abuse. The governing outline of the class includes the physical, mental, social, and spiritual aspects of health.

Physical Education

Length of Class: 1 semester, .5 credit

Open to Grade(s): 9, 10, 11, 12

Prerequisite: None

Course Description: This course will provide students with opportunities towards understanding the importance of physical wellness. Each student will have the opportunity to enhance their wellness and abilities through a variety of activities and conditioning games.

Strength Training and Personal Fitness

Length of Class: 1 semester, .5 credit

Open to Grade(s): 9, 10, 11, 12

Prerequisite: none

Course Description: Strength Training and Personal Fitness focuses on the fundamentals of weight training and will help students develop the five aspects of fitness: muscular strength, muscular endurance, flexibility, body composition, and cardiovascular endurance. Strength Training will be introduced as a way to improve personal fitness, and an emphasis on basic techniques and proper safety procedures will be implemented. The class will include weight training, cardiovascular conditioning, and other fitness related activities. If students want to get stronger, tone muscles, improve body composition, lower that mile time, or simply break a sweat on a consistent basis – this is the class for them!

Required Courses

- Health
- PE

Extracurricular Athletics

Course Description: High school students who successfully complete a New Life Academy high school athletic season may receive .25 credit toward the 1.0 Physical Education graduation requirement. A maximum of two seasons (.5 credit) may be applied towards the 1.0 Physical Education graduation requirement. A P(pass) grade will be assigned for the Physical Education credit earned through the extracurricular athletic season at New Life Academy, therefore not calculating into a student's grade point average. Students may only earn Physical Education credit for New Life Academy athletics and the season must be completed during grades 9-12.





MATHEMATICS

At New Life Academy, we believe that math benefits our students in at least four areas of their development. Those areas include (1) Professional Development, (2) Character Development, (3) Mental Development, and (4) Spiritual Development.

Professional Development:

Having a strong grasp of mathematics opens the doors to a variety of careers that are not available to those who are not proficient in math. In fact, several studies have concluded that almost all of the top paying undergraduate degrees are math intensive.

Character Development:

Math requires perseverance, and a willingness to be humbled in order to be successful. The process of learning math involves a cycle of trying, making mistakes, fixing mistakes, asking or seeking for help, and trying again. According to Romans 5, the process of perseverance develops character. This process is at the heart of our department philosophy.

Mental Development:

Even if a student does not pursue a math intensive career, the development of critical-thinking and problem-solving skills are invaluable. Math requires focus, analytical, and linear thinking. Unfortunately, many students only see math as a “collection of recipes” to be followed rather than an opportunity to “learn how to cook”. We strive to help our students develop an appreciation for the development of thought that math fosters.

Spiritual Development:

Galileo said that “Math is the language with which God wrote the universe”. By studying math, we gain an appreciation for the orderliness of creation and his faithfulness to sustain it. By learning math, we discover the order and predictability that God spoke into creation and called good. By studying these patterns, we have the ability to make wise decisions as we navigate this world in stewardship to what God has given us.

While only 3 credits of math are required for graduation, we highly recommend that all New Life Academy students take four full years of math.

Required Courses

- Geometry
- Algebra II or Honors Algebra II

Geometry

Length of Class: 2 semesters, 1 credit

Open to Grade(s): 9, 10, 11

Prerequisite: Algebra I

Course Description: This course is designed to emphasize the study of the properties and applications of common geometric figures in two and three dimensions. Geometric relationships will be explored using traditional geometric tools to perform constructions and measure figures. Inductive and deductive thinking skills are used in solving real-world applications and proving properties of parallel and perpendicular lines, triangles, and polygons. Algebra skills are applied extensively with area, surface area, and volume formulas as well as the Pythagorean Theorem and basic Trigonometry.

Algebra II

Length of Class: 2 semesters, 1 credit

Open to Grade(s): 9, 10, 11, 12

Prerequisite: Geometry

Course Description: The purpose of Algebra II is to teach students to think, reason, and discover algebra. Linear, quadratic, polynomial, exponential, and logarithmic functions will be solved using a variety of methods, including graphing. Systems of linear equations and inequalities will be explored using elimination, substitution, determinants and matrices. The exploration of complex numbers will expand the students' use of the number system.

Honors Algebra II *

Length of Class: 2 semesters, 1 credit

Open to Grade(s): 9, 10, 11

Prerequisite: Geometry with a grade of B+ or higher and a minimum cumulative GPA of 3.0

Course Description: This course will include all topics taught in Algebra II, but at an accelerated pace, so that additional topics may be explored. Additional topics include rational functions, introduction to probability and statistics, and further work with matrix operations.

Pre-Calculus

Length of Class: 2 semesters, 1 credit

Open to Grade(s): 10, 11, 12

Prerequisite: Algebra II

Course Description: Pre-calculus is a course designed to prepare students for AP Calculus while also providing a rich mathematical experience for students who do not plan to take AP Calculus. The course starts with a review of algebra concepts and then moves into the topic of functions. Students will be introduced to the Twelve Basic Functions throughout the book with a major emphasis placed on exponential, logarithmic, and trigonometric functions. Students will learn to work with functions using three methods: algebraic, numerical and graphical. If time allows, students will be introduced to calculus by exploring the basics of limits, derivatives, and integrals.

Calculus

Length of Class: 1 semester, .5 credit

Open to Grade(s): 11, 12

Prerequisite: Pre-Calculus

Course Description: Calculus is a semester long course designed for students who want to be introduced to the basic concepts of calculus without the rigor of an AP course. In this course, students will be introduced to Limits, Derivatives, and Integrals and their applications. Like AP Calculus, this class will focus on understanding the concepts and applications of calculus, mostly as they relate to physics. Unlike AP Calculus, this course will focus more on applications that can be modeled using polynomial functions and less on transcendental functions, such as logarithms, exponentials, and trigonometric. The prerequisite for this course is the successful completion of Pre-Calculus.

AP Calculus AB*

Length of Class: 2 semesters, 1 credit

Open to Grade(s): 11, 12

Prerequisite: Pre-Calculus with a grade of B+ or higher and/or a minimum cumulative GPA of 3.0

Course Description: This is a college-level course designed to lead students in a study of the development of what has oftentimes been considered the most important innovation in mathematical thought. It relies heavily on formulas, practices, and techniques learned in geometry and algebra courses but at the same time delves much deeper into the underlying principles governing those techniques. The majority of the year is devoted to the topics of limits, derivatives, integrals, and approximation, with an emphasis on application. Throughout the course, students will work with functions that are presented four different ways: algebraically, graphically, numerically, and verbally. Students who successfully complete the course and examination may receive credit, advanced placement, or both for a one-semester introductory college statistics course.

Statistics

Length of Class: 1 semester, .5 credit

Open to Grade(s): 11, 12

Prerequisite: Algebra II

Course Description: Statistics is a semester long course designed for students who want to be introduced to the basic concepts of statistics without the rigor of an AP course. In this course, students will be introduced to the science of understanding data. Like AP Statistics, this includes exploring and understanding data graphically and numerically, exploring relationships between two variables, methods for gathering data, and randomness and probability. Unlike AP Statistics, this course will focus less on Inferential Statistics, such as confidence intervals and significance testing. Inferential Statistics will be introduced and explored mostly through simulation and less through formulas. This class will be more activity based and utilize statistical software more than AP Statistics since development of formulas and statistical theory is not as crucial in an introductory course. The prerequisite for this course is the successful completion of Algebra II.

AP Statistics

Length of Class: 2 semesters, 1 credit

Open to Grade(s): 11, 12

Prerequisite: Algebra II with a grade of B+ or higher and/or a minimum cumulative GPA of 3.0

Course Description: AP Statistics introduces students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students are exposed to four broad conceptual themes:

1. Exploring Data: Observing patterns and departures from patterns.
2. Planning a Study: Deciding what and how to measure.
3. Anticipating Patterns: Producing models using probability theory and simulation.
4. Statistical Inference: Confirming models.

Students who successfully complete the course and examination may receive credit, advanced placement, or both for a one-semester introductory college statistics course.

Business Math

Length of Class: 1 semester, .5 credit

Open to Grade(s): 11, 12

Prerequisite: Algebra II

Course Description: This course explores how mathematics applies to problems in a business environment. Real-life

examples from today's business world are incorporated throughout this course. Because the globalization of our economy has greatly increased, emphasis through real-world examples that highlight foreign countries and international topics, will be integrated into this course as well. Emphasis will be placed on practical mathematical solutions to problems in areas such as corporate banking, accounting, finance, retail, insurance, stocks, bonds, mutual funds and business statistics.

Personal Finance

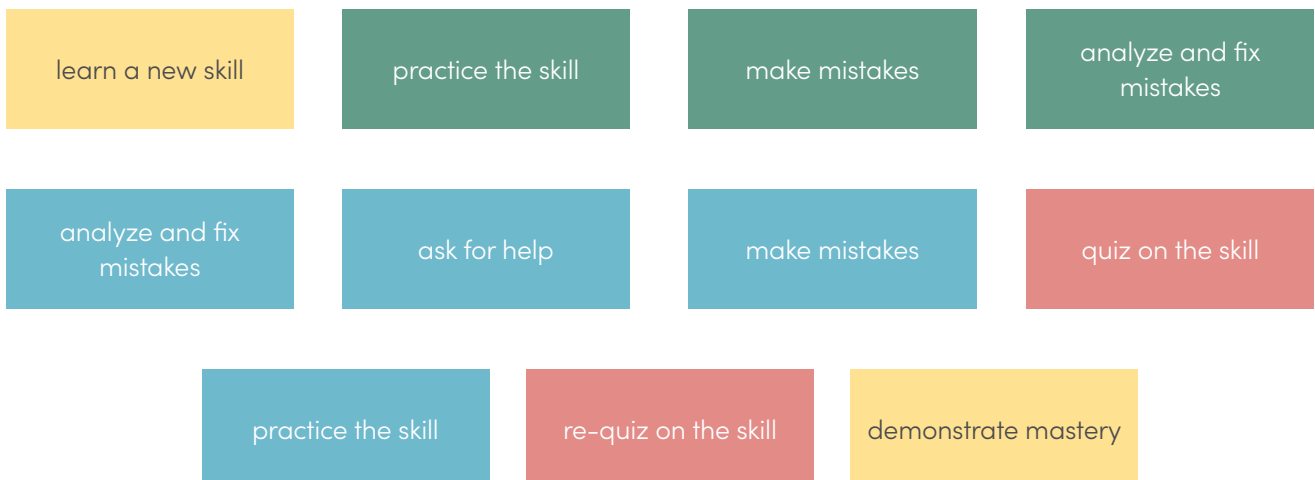
Length of Class: 1 semester, .5 credit

Open to Grade(s): 11, 12

Prerequisite: Algebra II

Course Descriptions: This course will include coverage of mathematics applied to real life personal finance. Included will be solid, practical, up-to-date coverage of key personal finance issues that impact our lives daily. The list of topics include banking services, payroll deductions, taxes, insurances, stocks, bonds, mortgages, credit, charitable giving and retirement planning. We will also study money from a biblical perspective, emphasizing God's teaching on proper stewardship of the financial resources He entrusts to us in our lives.

How to Learn





SCIENCE

Physical Science

Length of Class: 2 semesters, 1 credit

Open to Grade(s): 9

Prerequisite: none

Course Description: Physical Science is an introduction to two of the three major branches of science – Chemistry and Physics. The emphasis in this course is for students to obtain a solid understanding of the process of science and what science describes. While the scientific process has been addressed in previous years of science, this course gives a broader and more complete understanding of scientific thinking beyond basic knowledge and memorization. As a result, it is the most laboratory-based class, focusing on a hands –on understanding of how we do science. Beyond this, it is an essential course for developing the tools and framework to be successful in the upper levels of Biology, Chemistry, and Physics. The major topics include forces, motion, energy, matter, atomic structure and chemical bonds and reactions.

Biology

Length of Class: 2 semesters, 1 credit

Open to Grade(s): 9, 10

Prerequisite: Physical Science

Course Description: Biology is the study of living things. The objective of this biology course is to provide students with enough background information of the environment and living things, so that they will be able to make educated decisions in their lives and to help them gain an understanding of the complexity of God's creation. This class is for students who decide not to take the Honors Biology or AP Biology track. Students will learn through various modes of instruction including videos, projects, hands-on activities, and inquiry. The goal of the course is that students will have met the basic state standards in biology required for graduation, so students have a strong foundation if they wish to take future biology related classes. The major units that we will cover in this course include: Introduction to Biology, Cells, Genetics, Theory of Evolution, Biodiversity of Life, Human Body Systems, and Ecology

Required Courses

- Physical Science
- Biology, Honors Biology or AP Biology
- (AP) Chemistry or (AP) Physics

Honors Biology*

Length of Class: 2 semesters, 1 credit

Open to Grade(s): 9, 10

Prerequisite: Physical Science with a grade of B+ or higher and a minimum of 3.0 cumulative GPA

Course Description: The honors biology course is designed for students who enjoy science and would like to take their learning above and beyond those in the regular course. The objective of this biology course is to provide students with enough background information of the living world and environment, so that they will be able to make educated decisions in their lives and to help them gain an understanding of the complexity of God's creation. Students will learn tools for scientific inquiry and discovery so that they can find answers to their own questions in the future. The class includes several hands-on learning activities and more extensive laboratory work. The honors course will move at a faster pace, will require more independent work, and will go more in depth on certain topics. The major units that we will cover in this course include: Introduction to Biology, Cells, Genetics, Theory of Evolution, Biodiversity of Life, Human Body Systems, and Ecology

AP Biology*

Length of Class: 2 semesters, 1 credit

Open to Grade(s): 11, 12 (10th grade only by recommendation of Science Department)

Prerequisite: Biology or Honors Biology and Chemistry or AP Chemistry and a minimum of a 3.0 cumulative GPA

Course Description: AP Biology is a challenging course that covers college level general biology content. Students will experience challenging and in-depth content, a fast pace, and extensive laboratory work and should be willing to make a commitment to independent study time. Students are expected to read a chapter of a college textbook weekly. The goals of this course are to adequately prepare

students to take the AP biology test and to help them to gain an understanding of the complexity of God's creation. The major units that we will cover include: biochemistry, cells, heredity, molecular genetics, evolutionary biology, diversity of organisms, structure and function of plants and animals, and ecology.

Chemistry

Length of Class: 2 semesters, 1 credit

Open to Grade(s): 11, 12

Prerequisite: Biology (Algebra I recommended)

Course Description: The Chemistry course emphasizes developing a strong visual model for how atoms and molecules behave and interact with each other. Each unit is structured around a laboratory activity where we use chemistry concepts to solve a problem. The labs are emphasized so that students not only have knowledge of chemical processes, but also learn to measure and analyze chemical reactions and experiments. Throughout the course, emphasis is also given to recognizing how detailed, ordered, and complex matter is. This aspect gives strong evidence that the universe we live in did not come by chance, but was designed by our Creator. The major unit include: The structure of matter and the atom, chemical bonds, types of chemical reactions, and energy of reactions.

AP Chemistry*

Length of Class: 2 semesters, 1 credit

Open to Grade(s): 11, 12

Prerequisite: Algebra II with a grade of B+ or higher and/or minimum cumulative grade GPA of 3.0

Course Description: The AP Chemistry course follows the material similar to an introduction chemistry course at a university. It is a survey course that covers all aspects of Chemistry. Much of the understanding involves extensive mathematical calculations where the knowledge from a first high school chemistry course is applied to a deeper level, therefore, it is recommended to take this course as a second-year Chemistry course. Students may take it as their first full Chemistry course but must understand the rigor needed to be successful. Many precise laboratory experiments using digital and calibrated equipment will be performed throughout the year to gain a deeper understanding of chemistry and fulfill some of the course requirements for college credit. The first semester focuses on developing basic chemistry concepts to a deeper level, while the second semester focuses on the 5 big ideas of AP Chemistry: chemical equilibrium, thermochemistry,

chemistry kinetics, acids and bases, and electrochemistry.

Honors Human Anatomy and Physiology*

Length of Class: 2 semesters, 1 credit

Open to Grade(s): 11, 12

Prerequisite: Biology (or Honors or AP) and Chemistry (or AP Chemistry or concurrent enrollment in Chemistry) and a minimum of a 3.0 cumulative GPA

Course Description: Anatomy and Physiology is the study of the structure and function of the human body. This course is designed for students who were successful in their biology class and who would potentially be interested in going into a medical/biological career field or who are interested in fulfilling a general college science requirement. Material will be covered in an in-depth and fast paced manner. Students are expected to put in a substantial amount of time outside of the class period (6 hours per week minimum). The class will focus on the major organ systems (integumentary, skeletal, muscular, nervous, cardiovascular, immune, respiratory, and digestive). Diseases and disorders related to each body system will be studied. Students will often do laboratory activities. Dissections will be completed of various organs, such a heart and brain. At the end of the course, a cat will be dissected to observe how all of the body systems interact. Class time will typically be spent on process oriented guided inquiry based learning (POGIL) activities, laboratory work, cooperative quizzes and unit exams. The learning environment will emphasize interactive group work. Lecture will rarely be used.

Applied Physics

Length of Class: 2 semesters, 1 credit

Open to Grade(s): 11, 12

Prerequisite: Currently enrolled or have passed Algebra II

Course Description: The Applied Physics course emphasizes developing a strong conceptual understanding of the physical world and applying it to everyday experience (the physics of sports, music, vehicles, electronics, home appliances, and more). Laboratory activities will be stressed to develop a practical understanding of physics in everyday life, along with several major engineering projects and competitions aimed to develop engineering technique and critical thinking. Math is involved but at a minimal level for Physics.

AP Physics*

Length of Class: 2 semesters, 1 credit

Open to Grade(s): 11, 12

Prerequisite: Pre-Calculus with a B+ or higher and/or a cumulative GPA of 3.0 / Completion of AP Calculus or currently enrolled in AP Calculus

Course Description: The Advanced Placement Physics C course follows the material similar to one semester of a calculus-based Physics course at a university. It focuses on the mechanics portion of Physics only. [The Physics C course by The College Board also offers a test in Electricity. However, we will not be covering that material nor will students take that portion of the AP test.] Much of the understanding involves extensive mathematical calculations and problem solving. Calculus will be used and taught throughout the course. A student enrolled in Calculus in the same year will be taught the basic calculus principles in the Physics class. Many precise laboratory experiments using digital and calibrated equipment will be performed throughout the year to gain a deeper understanding of Physics and fulfill some of the course requirements for college credit. In addition, there will be

several major building competitions similar to those done in Applied Physics.

Independent Science Research

Length of Class: 1 semester, .5 credit

Open to Grade(s): 11, 12

Prerequisite: Preapproved by science teacher

Course Description: This course is designed to be an independent study where students will work on an experimental research assignment of their choice. The students will research, design, and experiment on a research question in a field of science or engineering of their choice. The end result will be a fully analyzed project that will be submitted to a national/global competition. The students will work independently on both literature research regarding their topic and experimental research in the lab while having a science teacher as an advisor. This is only intended for students who are interested in pursuing science or engineering for their career and who have a strong aptitude towards scientific research that is open-ended.

Science Department Overview

The focus of our science program is to teach a full understanding of science principles and science practices while at the same time showing how science reflects the nature of God through His creation. To accomplish these goals, we focus on having students

- discover the core nature of this physical world through inquiry and hands-on learning
- gain a foundational understanding of the core principles in each subject so that students can visualize and apply their knowledge to this world.
- learn the practices of doing science through the use of scientific instruments and technology
- see that all aspects of this physical world point to a designer and creator of the universe

Highlights:

“Since the beginning of creation, God’s invisible qualities, his eternal power and divine nature, have been clearly seen, being understood by what has been made, so that men are without excuse.” Romans 1:20 (NIV)

15% IP Program: Encourage creative problem solving outside formal class instruction

“Each year, there are various engineering competitions in the Physics classes. The Bridge Building (strongest bridge with the least mass made of only toothpicks) and the Egg Drop Carrier (structure made of only straws and string that can carry an egg through a 5 meter drop) are some of the most popular.”

“Lab Inquiry - Discovering fundamental principles of nature through problem solving - is utilized in all our science classes.”

SOCIAL STUDIES

"We can be almost certain of being wrong about the future, if we are wrong about the past". – G. K. Chesterton

The Social Sciences reveal God's providence, man's nature, and humanities role in God's plan of justice and mercy.

Required Courses

- World History & Geography
- US History or AP History
- Civics or Comparative World Govt
- Economics

World History & Geography

Length of Class: 2 semesters, 1 credit

Open to Grade(s): 9

Prerequisite: none

Course Description: World History and Geography is designed to help students achieve several goals: 1) familiarize themselves with the basic facts of geography, history, and culture that every educated person needs to know to be an informed citizen of the world; 2) provide a foundation for later courses in many fields which assume such general knowledge; 3) illustrate the rich variety of ways that human beings have found of living in civilizations from God's creation to modern times; and 4) stimulate student's curiosity to learn more.

United States History

Length of Class: 2 semester, 1 credit

Open to Grade(s): 10

Prerequisite: World History and Geography

Course Description: United States history is designed to provide students with an overview of American history from the prerevolutionary era through the modern day. Specific emphasis is placed on the integration of Christian worldview into the study of American History. When Christian faith and worldview are integrated into the teaching of history, history comes alive with meaning and purpose. History becomes a journey with an end. Every act and event then has moral significance and thus is important to understand. Students are taught their actions matter and ethics are not just situational. Students will learn to work individually and in collaborative groups, to write and think critically and articulately, to interact with media, the written word, and historical interpretation, and to conduct themselves with humility, grace, and intelligence.

AP United States History*

Length of Class: 2 semesters, 1 credit

Open to Grade(s): 10

Prerequisite: World History and Geography with a grade of B+ or higher and a minimum cumulative GPA of 3.0

Course Description: AP United States history is designed to develop the analytical skills and factual knowledge necessary to deal critically with the problems and materials in American history. This class has two main goals. One is to prepare for passing the AP exam in united states history. The more important of the two goals of this class is to develop more perceptive and informed students. AP

United States history will cover the pre-revolutionary era through the modern day in American history. Students will have to know not simply what happened, but why, how, and why it was significant. Students will learn to assess historical materials – their relevance to a given interpretive problem, their reliability, and their importance – to weigh the evidence presented in historical scholarship and primary source materials. Students will learn to work collaboratively and individually, and to think and write critically, analytically, and articulately. Enthusiasm for history and hard work will have as much to do with success in AP United States history and on the AP exam as ability.

AP Art History*

Length of Class: 2 semesters, 1 credit

Open to Grade(s): 11, 12

Prerequisite: Any AP class, Studio Art, Applied Design, 2-D/Printmaking/Photography, Sculpture, or Painting/Drawing with a grade of B+ or higher and/or a minimum cumulative GPA of 3.0

*AP Art History can fulfill a 1 credit for Fine Arts or 1 credit for History

Course Description: AP Art History is designed to provide the same benefits to high school students as those provided by an introductory college course in art appreciation or art history. This course will educate and enhance understanding and enjoyment of architecture, sculpture, painting, and other art forms within historical and cultural contexts. In this course, students examine major forms of artistic expression from the past and present and from a variety of cultures. Students will learn to look at works of art critically, with intelligence and sensitivity, and to articulate what they see or experience. AP Art History will help students develop visual literacy, oral and written skills of comparative analysis (emphasizing descriptive and analytical writing about works of art and architecture from many cultures and time periods), and the understanding of those works in historical and sociological contexts (politics, religion, patronage, gender, function, ethnicity, and formal stylistic observations). An optional AP exam may be taken for an additional fee. Students scoring a 3 or above on the exam (1-5 possible) receive college credit, advanced placement, or possibly both, at certain colleges/universities. AP Art History can be applied (if passed and approved by college) to either an Art History or general art appreciation course in college.

AP European History*

Length of Class: 2 semesters, 1 credit

Open to Grade(s): 11, 12

Prerequisite: US History (regular or AP) with a grade of B+ or higher and a minimum cumulative GPA of 3.0

Course Description: AP European History is designed to develop the analytical skills and factual knowledge necessary to deal critically with the problems and materials in European history. This class has two main goals. One is to prepare for passing the AP exam in European History. The more important of the two goals of this class is to develop more perceptive and informed students. AP European History will cover renaissance Europe through

the modern day with emphasis on the years 1450 - 1970. Students will have to know not simply what happened, but why, how, and why it was significant. Students will learn to assess historical materials – their relevance to a given interpretive problem, their reliability, and their importance – to weigh the evidence presented in historical scholarship and primary source materials. Students will learn to work collaboratively and individually, and to think and write critically, analytically, and articulately. Enthusiasm for history and hard work will have as much to do with success in AP European History and on the AP exam as ability.

Civics

Length of Class: 1 semester, .5 credit

Open to Grade(s): 11, 12

Prerequisite: US History (regular or AP)

Course Description: The purpose of this class is to provide a broad knowledge and understanding of the history, philosophy and workings of the political system on a local, national and global level. The class will study civic skills, civic values and principles of democracy, rights and responsibilities, governmental institutions and political processes, and relationships of the U.S. to other nations and organizations. Students will be challenged to think critically about their own relationship and role in politics and how this understanding fits within a broader Christian worldview.

Comparative World Governments

Length of Class: 1 semester, .5 credit

Open to Grade(s): 11, 12

Prerequisite: US History (regular or AP)

Course Description: Comparative Government is designed to provide students with an overview of the major governmental systems including democracy in the United States. Students will study the concept of country, government, and the political culture in such countries as Britain, France, Germany, Russia, China, and India and compare those governments and political cultures to democracy in the United States. Students will learn to work individually and collaboratively in groups thinking critically and writing analytically about living as a Christian and as a global citizen in this world.

PSEO Cultural Anthropology

Length of Class: 1 semester, .5 credit

Open to Grade(s): 11, 12

Prerequisite: World History and US History

** This is an On-site PSEO college class taught at New Life Academy, for which students will receive 4 college credits. It is a challenging, rigorous course, and students should be able to read at a college level. Students MUST fill out PSEO forms online at University of Northwestern in order to take this class.

Course Description: This course is a holistic, comparative approach to the study of human culture, with specific application to Christian evangelization and mission. Topics include cultural diversity and adaptive strategies, language, marriage, and kinship, religious beliefs and rituals, politics, economics, art, types of groups, social change, and issues of culture contact and cultural survival. The course is designed to prepare us for work and Christian service within other cultures. Thus a critical view of cultural anthropology as it relates to theology will lead us to our main concern, and that is missiology – the study and practice of God’s mission in the world. We will make a conscious effort to maintain a “discussion” between anthropology, theology, and missiology. Through this learning process, we will be challenged, inspired, and empowered to reflect missiologically on our cross-cultural participation in God’s mission in the world.

Economics

Length of Class: 1 semester, .5 credit

Open to Grade(s): 11, 12

Prerequisite: US History (regular or AP)

Course Description: This course introduces students to the basic principles of micro and macroeconomics including the following: what is economics, economic systems, American free enterprise, demand, supply, prices, market structures, business organizations, labor, money and banking, financial markets, GDP and growth, economic challenges, taxes and government spending, fiscal policy, the Federal Reserve and monetary policy, international trade, development and globalization. Also there will be case studies of different career fields.

PSEO Psychology

Length of Class: 1 semester, .5 credit

Open to Grade(s): 11, 12

Prerequisite: US History (regular or AP)

** This is an On-site PSEO college class taught at New Life Academy, for which students will receive 4 college credits. It is a challenging, rigorous course, and students should be able to read at a college level. Students MUST fill out PSEO forms online at University of Northwestern in order to take this class.

Course Description: PSEO Psychology is designed to provide students with an overview of the study of psychology from a Christian worldview. Students will study areas of psychology such as child development, the brain, perception, classical conditioning, operant conditioning, information processing, social psychology, and intelligence. Students will learn to work individually and collaboratively in groups responding to one another in both verbal and written form as well as think critically and reflectively.

Sociology

Length of Class: 1 semester, .5 credit

Open to Grade(s): 11, 12

Prerequisite: US History (regular or AP)

Course Description: Sociology is designed to provide students with an overview of the major sociological theorists and theories, as well as integrating those theories into a study of human relationships. Specific emphasis is placed on the integration of Christian worldview into the study of sociology. Students compare, in discussion and in analytical essay writing, the secular worldview of sociology with the Christian worldview in areas such as family, marriage, poverty, and work. Students will learn to think critically and write analytically articulating a Christian worldview on important social and cultural issues in today’s world.



TECHNOLOGY

Intermediate Technology

Length of Class: 1 semester, .5 credit

Open to Grade(s): 9, 10, 11, 12

Prerequisite: none

Course Description: Students will develop digital communication skills through a variety of software and online tools. Students will learn 21st century skills by experiencing real-world applications for collaborating with classmates and problem solving. The tools learned in this class will empower students to better express themselves and showcase their knowledge. By working with technology as part of project based curriculum, students more easily develop the essential, lifelong digital communication skills they will need in virtually all their academic and professional pursuit. Intermediate to advanced capabilities in the areas of photo/video editing, web design and desktop publishing will be covered.

Computer Science

Length of Class: 1 semester, .5 credit

Open to Grade(s): 9, 10, 11, 12

Prerequisite: Intermediate Technology Recommended

Course Description: This course is an introduction to computer science and software engineering to understand the study of computers, developing software applications and computational processes. Students will learn a variety of programming systems and languages to create interactive systems and applications. Students will learn problem solving, software design, debugging strategies, and the foundations of computer science (data structures, procedures, and algorithms). Students will work on projects in the areas of software systems, graphics, computational science and software engineering.

Digital Photography I

Length of Class: 1 semester, .5 credit

Open to Grade(s): 9, 10, 11, 12

Prerequisite: none

*The Digital Photography course can fulfill a .5 credit for Fine Arts or .5 credit for Technology

Course Description: Digital Photography will look into the world and artists of digital photography. The class will be split up into 5 sections: History of digital photography, learning how to use your camera, learning how to use Photoshop/Lightroom, 8-10 photography projects based off of 8-10 styles of photography and a final project. Students will be graded based on effort, execution and

planning, as well as weekly exercises, attendance and participation. We will also take a field trip at the end of the semester to exercise all the techniques that have been learned. Required: Students must provide their own DSLR camera.

Digital Photography II

Length of Class: 1 semester, .5 credit

Open to Grade(s): 9, 10, 11, 12

Prerequisite: Digital Photography I

*The Digital Photography II course can fulfill a .5 credit for Fine Arts or .5 credit for Technology

Course Description: Digital Photography II is a continuation of what is learned in Digital Photography I.

Intro to Filmmaking

Length of Class: 1 semester, .5 credit

Open to Grade(s): 9, 10, 11, 12

Prerequisite: none

*The Intro to Filmmaking course can fulfill a .5 credit for Fine Arts or .5 credit for Technology

Course requirements

A camera with video capabilities. Any will do. It is preferable that it is one with a manual focus. A phone will work.

- A portable external hard drive (at least 350 GB)
- An SD card with at least 16 GB
- Headphones

Course Description: In this course, students are introduced to the basics of filmmaking. With a focus on technical and narrative structure, students produce short narrative and documentary projects through individual and group work. Topics include basic cinematography, camera shots and movements, basic light techniques, editing techniques, and introductory sound design. Students will acquire hands-on experience in digital film production.

Graphic Design I

Length of Class: 1 semester, .5 credit

Open to Grade(s): 9, 10, 11, 12

Prerequisite: An art or technology class is recommended.

*Can fulfill a .5 credit of Fine Arts or .5 credit for Technology

Course Description: The ability to visually solve problems is what defines graphic design, and its effectiveness is measured by a designer's ability to convey the message they seek to send through a variety of channels including

logos, posters, advertisements, website, package design, branding material, etc...In this class we will examine these platforms and others , as well as look at the history, theory, and the tools that can be used to achieve effective graphic design This course will introduce students in the basic language and principles of Graphic Design. Students will learn the basics of good design by using Adobe Illustrator and Photoshop software applications, as well as illustration to create various designs.

Graphic Design II

Length of Class: 1 semester, .5 credit

Open to Grade(s): 9, 10, 11, 12

Prerequisite: Graphic Design I with a 3.0 or higher

Course Description: In this class you will continue to examine the history, theory, and the tools that can be used to achieve effective graphic design. Students will use the language and principles of Graphic Design to implement learning into successfully designed projects and art. Students will expand their knowledge of Adobe Illustrator, Photoshop, and InDesign software applications, as well as illustration to create various media. Students will also help guide, instruct, and critique Graphic Design I students in order to build a creative environment which fosters innovation and encouragement to have all students develop the process of communicating information through creative applications.

Publications

Length of Class: 1 semester, .5 credit

Open to Grade(s): 9, 10, 11, 12

Prerequisite: none

Course Description: Publications is an elective offered to high school students who desire to be part of the team that develops NLA's yearbook and newspaper. Students will exercise creativity while developing skills in project planning, desktop publishing, photography, journalism, marketing, and sales. Publications is a fun, yet challenging class, as students are required to follow specific guidelines for project consistency, independently manage their time and resources, and complete top quality assignments by all deadlines set. The publications team is ultimately responsible for collecting memories throughout the year and will work together to record them in an unforgettable way.



3D Printer and Scanner

WORLD LANGUAGE

God reveals himself through language and culture. The study of languages and cultures enables us to gain knowledge, explore ideas, and communicate effectively. It is by nature an integrated study of literature, reading, writing, listening and speaking. Through languages we strengthen our relationship with God and are able to communicate his message to others close to home and around the world.

Required Courses

- Spanish I
- Spanish II

If Spanish I is taken in 8th grade, high school students will still need 2 credits of Spanish (I and II).

Spanish I

Length of Class: 2 semesters, 1 credit

Open to Grade(s): 9, 10, 11

Prerequisite: none

Course Description: Spanish I is intended to instruct students in the development of their interpersonal, interpretive, and presentational skills in Spanish. This will be done by performing an assortment of language functions: to list, to ask questions, to describe, to narrate, to write on a variety of topics, and to converse on familiar topics. These will be learned in different contexts, such as at home, in school and through videos, music, role-playing or games. Topics covered include the classroom and school environment, daily life, activities and sports, family, and making plans.

Spanish II

Length of Class: 2 semesters, 1 credit

Open to Grade(s): 10, 11, 12

Prerequisite: Spanish I

Course Description: Spanish II continues education in the Spanish language. Students will be performing an assortment of language functions: to give and follow directions, to narrate, to express opinions and defend them both orally and in written work, to hypothesize, to read short stories and articles, to write on a variety of topics, and to converse on familiar topics. These will be learned in similar contexts as in Level I such as at home, in school, and in the community. Topics that will be covered include daily routine, conversational tools to get to know others, staying fit and healthy, discussing the past, and life in the community.

Spanish III

Length of Class: 2 semesters, 1 credit

Open to Grade(s): 11, 12

Prerequisite: Spanish II

Course Description: Spanish III is intended to advance the students' development of their interpersonal, interpretive, and presentational skills in Spanish. This will be done using

these main objectives: to review basic grammar and provide an overview of all common verb tenses, to develop vocabulary and grammar structures (including new tenses that do not exist in English), and to expand knowledge of and appreciation for Hispanic people and cultures. The students will also go to a play or an enrichment activity in the fall or spring, in a St. Paul or Minneapolis Spanish neighborhood, with the CIS Spanish class.

CIS Spanish*

Length of Class: fall semester SPA201, spring semester SPA202, 2 semesters, 1 credit

Open to Grade(s): 11, 12

Prerequisite: Spanish III with a grade of B+ or higher and/or a minimum cumulative GPA of 3.0

Course Description: This fourth year of Spanish is intended to advance the students' development of their interpersonal, interpretive, and presentational skills in Spanish and increase their appreciation for Hispanic people and cultures. Students will develop their communication skills in Spanish as we explore a variety of traditional and contemporary topics from different worldviews. This will also be done while reviewing grammar studied thus far in their language education and learning more complex forms of grammar. We will use as a springboard for discussion perspectives within our own cultures and how these differ from or coincide with those within Hispanic cultures. In 2nd semester CIS Spanish, students will focus on the controversial topic of immigration from Latino/a perspectives examining the result of various economic, political and socio-cultural factors that push immigrants out of their homeland and to the United States. They will be reading a novel in Spanish as well as work on two workbooks on the two past tenses and the subjunctive mood.

Please Note: There is an additional college credit fee of approximately \$360 required for this course as well as workbook fees. In addition to high school credit, students will receive Bethel University college level credits.

ADDITIONAL OPPORTUNITIES

PSEO Class

Length of Class: 1 semester, .5 high school credit will be given for a 1-2 college level class, 1 high school credit will be given for a 3-4 college level class

Open to Grade(s): 11, 12

Course Description: Students will be given a PSEO Class for time to work on their Online PSEO course they previously registered for. If students are interested in signing up for the PSEO Class and have time in their day to work on courses they must meet the college requirement, submit forms to college and submit the MN State Form to the NLA registrar. After the registrar receives and fills out the MN State Form, the student is responsible for sending all paperwork to the college and must meet all deadlines

Study Hall

Length of Class: 1 semester, no credit

Open to Grade(s): 9, 10, 11, 12

Prerequisite: none

Course Description: Study Hall is a class period in which students apply themselves to learning and understanding through completion of assignments, studying, and reading. It can also provide students with an opportunity to access the school library, counseling office, and to obtain individual help with assignments from staff. Study Hall decorum includes reporting to Study Hall on time with materials to stay occupied throughout the entire period. Materials considered inappropriate for school are not allowed in Study Hall. Students are required to maintain a quiet study environment and follow established protocol for leaving Study Hall for other destinations.

Teacher/Staff Aide

Length of Class: 1 semester, .5 credit

Open to Grade(s): 11, 12

Prerequisite: none

Grading: Pass/Fail

Course Description: Aide positions are subject to availability. Interested students will be placed based upon faculty/staff needs. The aide positions provide students with vocational experience in an educational setting. Aides have the opportunity to practice professional skills in a realistic occupational position. Students are expected to report to aide assignments just as any other class and to give their supervisor advance notice of upcoming absences (doctor/dentist appointments, sports events, etc.) Earning credit depends on attendance and performance.

ELL (English Language Learners)

Length of Class: 1 semester, .5 credit

Course Description: The design of the English Language Learners (ELL) program is to support the academic, cultural and social emotional wellbeing of our English Language Learners (ELL). In this course, students will know how to understand and apply learning strategies with increasing proficiency for success in the general education classroom. The course also functions as a bridge for interschool relationships and social activities, as well as a platform for intercultural comparisons, critical thinking and self-advocacy development, as well as seasonal and holiday vernacular. Students will integrate background knowledge with increased English language skills resulting in a successful whole student transition to New Life Academy.



Our mission at New Life Academy is to educate and energize each student to impact their world for Jesus Christ and to reach their full potential in scholarship, leadership and service out of love for God and one another.