



# 2023-2024 COURSE CATALOG

 **NORTHSIDE**

The image shows the exterior of a modern building with large glass windows. A tall, white cross stands to the left of the building. The building has a beige facade with a red horizontal band. The word "NORTHSIDE" is displayed in large, red, 3D letters above the windows. A stone building is visible on the right side of the frame.

## **NORTHSIDE CHRISTIAN ACADEMY**

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[WWW.NORTHSIDECHRISTIANACADEMY.ORG](http://WWW.NORTHSIDECHRISTIANACADEMY.ORG)

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# LIST OF COURSES OFFERED

## BIBLE EDUCATION (All College Prep Classes)

Foundations of Faith  
Spiritual Formation  
Life of Christ  
Leadership, Evangelism and Discipleship  
Precept Bible Study: Covenant  
Precept Bible Study: Spiritual Warfare

## ENGLISH EDUCATION

English I College Prep  
English I Honors  
English II College Prep  
English II Honors  
English III College Prep  
English III Honors  
English IV College Prep  
English IV Honors  
Dual Enrollment English Composition  
Dual Enrollment English Literature  
AP Language•  
AP English Literature\*  
Creative Writing College Prep  
Journalism College Prep  
Public Speaking/Debate College Prep

## FOREIGN LANGUAGE EDUCATION Spanish I (College Prep)

Spanish II (College Prep)  
Spanish II (Honors)  
Spanish III (Honors)  
French I (College Prep)

## MATHEMATICS

Algebra I College Prep  
Algebra I Honors  
Algebra II College Prep  
Algebra II Honors  
Geometry College Prep  
Geometry Honors  
Probability/Statistics College Prep Algebra  
III College Prep  
Pre-Calculus Honors  
Calculus Honors  
Dual Enrollment Statistics  
Dual Enrollment College Algebra  
AP Calculus AB\*  
AP Statistics•  
Personal Finance College Prep

## TECHNOLOGY EDUCATION

Fundamentals of Computing  
Intro to Robotic Systems  
Web Design/Development  
AP Computer Science A\*

## DUAL ENROLLMENT

\*Various classes through CIU, Letourneau  
and Midlands Tech

## SOCIAL STUDIES EDUCATION

American Government (semester class) College Prep  
World History College Prep  
Economics (semester class) College Prep  
United States History College Prep  
AP World History\*  
AP US History\*  
AP Microeconomics\*  
AP Macroeconomics\*  
AP Government\*  
History of the Holocaust College Prep  
Cold War History College Prep  
Political Science College Prep

## SCIENCE EDUCATION

Biology I College Prep  
Biology I Honors  
Anatomy and Physiology College Prep  
Anatomy and Physiology Honors  
Chemistry I College Prep  
Chemistry I Honors  
Chemistry II College Prep  
Chemistry II Honors  
Physics Honors  
AP Biology\*  
AP Chemistry•  
Environmental Science College Prep  
Marine Biology College Prep  
Intro to Engineering College Prep

## PHYSICAL EDUCATION (All Are College Prep Courses)

Athletic Fitness I, II, III & IV  
Strength and Conditioning

## ELECTIVES (All Are College Prep Courses)

Teacher's Aide  
Career Internship  
Entrepreneurship  
Academic Team

## FINE ARTS (All Are College Prep Courses except

Worship Arts)  
Art Studio I  
Art Studio II  
Advanced Art  
AP Art History\*  
Graphic Design  
Yearbook  
Theater Arts  
Choir  
Worship Arts Honors

\*AP classes taught online through Sevenstar

•AP classes taught on-campus at NCA

# ADVANCED PLACEMENT (AP)

AP Classes are offered online via SevenStar and on-campus with NCA. SevenStar provides opportunities for NCA Sophomores, Juniors and Seniors to take college-level courses and earn high school credit through their online Biblically integrated curriculum. All AP classes will be taken online at NCA. Students will have a scheduled class period during the day where they will work on their AP class assignments and will be supervised by an NCA faculty member. Parents are responsible for tuition, books, laptops and other applicable fees including the AP exam fee. The exam will be proctored at NCA. The following criteria must be met for AP classes:

- Students must be a Sophomore, Junior or Senior.
- Students must meet prerequisites requirements determined for each AP course.
- Acceptance by NCA administration for participation.
- A signed student and parent AP agreement allowing NCA the ability to monitor grades from online classes.
- The understanding that students will be exposed to a college level course.

## **AP Art History** **1.00 Credit**

*Prerequisite: Successful completion of World History and high-level reading and writing skills are strongly recommended. Prior art training is not a prerequisite nor does the course cater exclusively to future Art History majors.*  
*Recommended Grade Levels: 11th - 12th*

Our God is the Master Artist and has instilled in us the ability to respond to Him and His world in artistic ways. Within AP® Art History, students will explore the interconnections between art, culture, and historical context using critical analysis through the critical lenses of artistic expression, cultural awareness, purpose, and biblical truth. Using a defined art historical skill set and reflective learning, students will analyze

relationships across cultures with a global lens. They will evaluate how successful these artistic endeavors have been in reflecting God's nature and glorifying Him. They will also explore the impact of deprived beliefs and fallen humanity on artistic expression. The examination of how people have responded to and communicated their experiences and worldview through art will enable students to think conceptually and biblically about art ranging from prehistoric to contemporary. Students will be active participants, engaging with art and its context as they read, research, and collaborate to learn about art, artists, art making, and responses to and interpretations of art.

## **AP Biology** **1.00 Credit**

*Prerequisite: Biology, Chemistry, Algebra 1.*  
*Recommended Grade Levels: 11th - 12th*

AP Biology helps students look at the design to understand the Designer. The key themes of the AP Biology course - the scientific processes, the effects of science on technology and society, the chemistry and makeup of living organisms, genetics, Creation, and diversity – are explored to notice the inherent design of all living things. This challenging course is designed to provide a college-level experience and prepare students for the AP exam in early May. Over two semesters, the students are engaged in a wide variety of activities, with substantial emphasis on interpreting and collecting data in virtual labs, writing analytical essays and mastering Biology concepts and connections. Throughout this course, students will be expected to answer questions, reflect on issues and complete lab activities. The primary emphasis is to develop an understanding of concepts rather than memorizing terms and technical details.

**AP Calculus AB** **1.00 Credit**

*Prerequisite: Algebra 1, Geometry, Algebra 2, Pre-Calculus or Trigonometry/Analytical Geometry.*

*Recommended Grade Levels: 11th - 12<sup>th</sup>*

The concepts in AP Calculus begin with zero and work toward infinity. In this course, students work through a series of interactive video lessons along with thorough explanations of the biblical foundation and historical approaches to the study of mathematics. These resources will help bolster the student's understanding of Calculus in a fully integrated way and best prepare the students for the AP Calculus AB exam given each year in May. With continuous enrollment, students can start the course and begin working on Calculus as early as spring of the previous year! An Advanced Placement (AP) course in calculus consists of a full high school year of work that is comparable to calculus courses in colleges and universities. It is expected that students who take an AP course in calculus will seek college credit, college placement, or both, from institutions of higher learning. Most colleges and universities offer a sequence of several courses in calculus, and entering students are placed within this sequence according to the extent of their preparation, as measured by the results of an AP examination or other criteria. Please be sure to review the full course syllabus to be sure your student has covered all prerequisite material to be successful.

Required Purchased Materials:

Students are required to use a graphing calculator. This should be a student-owned calculator which can be used on the AP exam (online calculator options are not accepted).

**AP Statistics** **1.00 Credit**

*Prerequisites: Algebra 2 Honors or Pre-Calculus Honors*

*Recommended Grade Levels: 11th - 12<sup>th</sup>*

*\*Offered on-campus at NCA*

AP Statistics will allow students to explore the broad conceptual themes of statistics while

recognizing the amazing benefits of the mathematical order of God's creation. Students will explore data as biblical stewards. They will put this knowledge into practice as they plan and conduct a statistical study. They will also practice anticipating patterns and making statistical inferences while learning how this information can help us serve God and others rather than ourselves. This course seeks to prepare students for the AP exam while also introducing students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data.

Required Purchased Materials: This course requires use of a graphing calculator with a USB cord and access to Ti Connect Software (free download).

**AP Computer Science A** **1.00 Credit**

*Prerequisites: Algebra 1 and 2.*

*Recommended Grade Levels: 11th - 12th*

Computers are everywhere you look. Step into the world of writing the software that makes computers work. The AP Computer Science A course is equivalent to the first semester of a college level computer science course. The course involves developing the skills to write programs or part of programs to correctly solve specific problems while learning how faith and Computer Science go hand in hand. AP Computer Science A also emphasizes the design issues that make programs understandable, adaptable, and when appropriate, reusable. At the same time, the development of useful computer programs and classes is used as a context for introducing other important concepts in computer science, including the development and analysis of algorithms, the development and use of fundamental data structures, and the study of standard algorithms and typical applications. In addition, an understanding of the basic hardware and software components of computer systems and the responsible use of these systems are integral parts of the course.

Required Purchased Materials:

Students must have a PC or Mac to install the provided course material to complete the course.

**AP Language 1.00 Credit**

*Prerequisites: Teacher recommendation, English 3 or 4 (honors), with a B+ average.*

*Recommended Grade Levels: 11th - 12<sup>th</sup>*

*\*Offered on-campus at NCA*

The written word is powerful, and we are responsible for understanding and analyzing it based on the known truths of God's Word. The AP Language and Composition course will provide high school students with college level instruction in studying and writing various kinds of analytic or persuasive essays on literary and nonliterary topics in language, rhetoric and expository writing from a biblical perspective. Students will become skilled readers of prose written in various periods, disciplines, and rhetorical contexts. Both their reading and writing should make students aware of the interactions among a writer's purposes, audience expectations, and subjects as well as the way writing conventions and language contribute to effectiveness in writing. This course will effectively prepare students for the AP Exam by enabling them to read, comprehend, and write about complex texts, while developing further communication skills on a college level.

Required Purchased Materials: An extensive list of books is required for completion of the course. Most are common novels and the MLA Handbook.

**AP English Literature & Composition 1.00 Credit**

*Prerequisites: Recommendation, English 1, 2, 3 with a B+ average.*

*Recommended Grade Levels: 11th - 12th*

For a year, participate in an AP upscale dining experience in the AP Literature and Composition course. Students act as food critics of exquisite literary cuisine "tasting" each with a critical eye and analyze it against the truth of God's word. Menu items include reading,

analyzing, writing, rewriting, and discussing creations by the master chefs, renowned authors. With intensive concentration on composition skills and on authors' narrative techniques, this dining experience equips students with recipes for success in college, in a career and the AP exam. The students will how tasty truth can be (Ez. 3:3)

Required Purchased Materials: The price of this course includes custom course materials.

Additionally, students will need to find specific book titles that can be borrowed from a public library or rented from a local video store.

**AP Macroeconomics 0.50 Credit**

*Prerequisite: None*

*Recommended Grade Levels: 11th - 12th*

*\*Meets Economics Requirement*

How would you fix the economy? In AP Macroeconomics, students have been called upon to assist the leader of the Macro Islands, where the economy is in shambles and in need of some feasible solutions. The objective of this course is to engage students in real-world application of the economic concepts that they will be tested on when taking the AP exam. Students will also seek to apply biblical principles of economic stewardship in order to improve the island's economy and bring glory to God through their financial decisions and practices.

**AP Microeconomics 0.50 Credit**

*Prerequisite: None*

*Recommended Grade Levels: 11th - 12th*

*\*Meets Economics Requirement*

As the new President of the Sunny Seas Shell Company, you will be wrestling with two problems while learning all you can about microeconomics for the good of your company. First, how do you make money without falling in love with it? Second, how will you use what God has given you to honor Him and bless others? You will be required to exhibit your knowledge in May at the annual Board of Directors' meeting (the AP Exam). The objectives of this course will be to engage students in a real-world application of the economic concepts they will be tested on

when taking the Advanced Placement exam provided by the College Board. In this class students will analyze the basics of supply and demand and then investigate the various models of business organization from a biblical perspective. As students participate in these activities, they will become more knowledgeable about economics, better prepared for the AP exam, and become better consumers in the real world as they use their resources for God's glory and the good of others.

**AP US Government and Politics      0.50 Credit**

*Prerequisites: Successful completion of US History is strongly recommended. Recommended Grade Levels: 11th - 12<sup>th</sup>*  
*\*Meets Government Requirement*

In AP US Government and Politics, students investigate key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students will study the structure of the Constitution, its Judeo-Christian influences, and its implications for the functioning of government today. Other foundational documents, landmark Supreme Court cases, and opportunities for research and civic action are key elements in this rich, biblically integrated course that prepares students to be informed and active participants in U.S. society.

**AP United States History      1.00 Credit**

*Prerequisites: Successful completion of World History is strongly recommended. Recommended Grade Levels: 11th - 12<sup>th</sup>.*

The study of history provides us with an opportunity to see God's hand in our story. AP<sup>®</sup> United States History will guide students through exploration, investigation, and evaluation of the story of the United States. They will discover that history isn't a mere collection of information about the past. It's a dynamic story of how the present world came to be, shifting and reshaping as new details and evidence are revealed. It is an opportunity to

evaluate the beliefs and philosophies of those who have shaped history against the truth and guidelines of God's Word. It is also an instrument to explore decisions and the outcomes of those decisions as we apply those lessons to our time. The course is designed to mirror a college-level survey course in U.S. history and uses a college-level text. While the textbook comes from a particular political perspective, peer and instructor discussions will focus on alternative interpretations of history as well as the development of skills to evaluate history from a biblical perspective. At the completion of this course, the student will be equipped to not only pass the AP exam, but also to understand their role in the world as they live out the next chapter of the story.

**AP World History      1.00 Credit**

*Prerequisites: None.*  
*Recommended Grade Levels: 11th - 12th*

How does God see humanity and the history of the world? That is the overarching goal of AP World history as students explore the major themes of world history comparing them with biblical truths. This course spans the Neolithic age to the present in a rigorous academic format organized by chronological periods and viewed through fundamental concepts and course themes. Students analyze the causes and processes of continuity and change across historical periods from different philosophical perspectives all in contrast with biblical truths. Themes include human-environment interaction, cultures, expansion and conflict, political and social structures, and economic systems. In addition to mastering historical content, students cultivate historical thinking skills that involve crafting arguments based on evidence, identifying causation, comparing and supplying context for events and phenomenon, and developing historical interpretation. The class has two major goals: (1) to prepare students to be successful on the AP World History exam and (2) to provide students with an understanding on why the world developed the way it did from God's eternal perspective.



Required Purchased Materials: There are two books required (King Leopold's Ghost and Siddhartha) and an extensive list of recommend books in the course syllabus section, located within the course.

**AP Chemistry** **1.00 Credit**

*Prerequisite: Biology, Chemistry I, Algebra 2*

*Co-Requisite: Pre-Calculus*

*Recommended Grade Levels: 11<sup>th</sup>-12<sup>th</sup>*

*\*Offered on-campus at NCA*

AP Chemistry helps students look at the design of creation to understand the Designer. The key themes of the AP Chemistry course - the atom, molecular and ionic compounds, intermolecular forces, chemical reactions, kinetics, equilibrium, thermodynamics, and acid base chemistry. This challenging course is designed to provide a college-level experience and prepare students for the AP exam in early May. Over two semesters, the students are engaged in a wide variety of activities, with substantial emphasis on interpreting and collecting data in labs, writing analytical laboratory reports and mastering chemistry concepts and connections. Throughout this course, students will be expected to answer questions, reflect on issues and complete lab activities. The primary emphasis is to develop an understanding of concepts rather than memorizing terms and technical details.

# BIBLE EDUCATION

(Students will earn a Bible credit each year at NCA)

## **Foundations of Faith I 1.00 Credit**

*Prerequisite: None*

Foundations of Faith I invites students to build a solid foundation of belief in the person of Christ. Students will examine the foundational elements of faith systems and understand the foundational distinctions of a Christ-centered worldview. Students will be challenged to apply the definitions of faith and truth in their examination of the Bible as God's inerrant revelation. Students will have the opportunity to examine the storyline and personal application of God's revelation through a Christ-centered lens.

## **Spiritual Formation / Leadership 1.00 Credit**

*Prerequisite: None*

The main focus of Spiritual Formation / Leadership is to encourage students to understand that Jesus is our model of spiritual maturity and that He invited us to follow His model for spiritual transformation. Students will understand the significance of each of Christ's major invitations in the process of transformation and learn how to apply each invitation to their daily lives. Through this course, students are invited to personalize their response to Christ's invitation: Follow Me and I will make you fishers of men (Mark 1:17).

## **Life of Christ 1.00 Credit**

*Prerequisite: None*

This class will focus on inviting students to become friends of Christ. Students will examine and apply the concept of Christ's roles as our prophet, priest, and king. Students will gain an understanding of Jesus and the fulfillment of prophecy and will not only understand His place in history, but also His relevance to our lives today. Ultimately, the hope is that Jesus' life and message will transform students' lives as they gain a greater understanding of who Christ is in their individual lives, and personalize their response to him.

## **Leadership, Evangelism, & Discipleship**

**1.00 Credit**

*Prerequisite: None*

This class will challenge students with the eternal plan and purpose of God for the earth and their role in participating in His mission. Students will be equipped with the keys to discover, align, and invest their talents and gifts in ministry and life. Students will unpack their unique talents and learn to steward them into strengths while gaining a deep understanding of God's perspective on their life. Students will be challenged to reflect on God's plan for personal integration and develop a personalized plan for responding to the invitation to participate in the mission of God beyond the walls of their classroom and reflect Christ in their circles of influence. This course will also incorporate an in-depth study of the Gospel of John. Students will closely read one chapter of John per week, journaling and making life applications of the truths in scripture.

### **Precept Bible Study: Spiritual Gifts (Part 1)**

**0.5 Credit**

*Prerequisite: None*

What has God called you to do and uniquely equipped you for? Discover the spiritual gifts God has given you and understand those given to all believers to glorify Himself and strengthen His church. In *Spiritual Gifts Part 1* we will examine the following gifts: apostleship, prophecy, evangelism, pastor-teacher, teaching, exhortation, leadership, administrations, giving, helps and service.

### **Precept Bible Study: Spiritual Gifts (Part 2)**

**0.5 Credit**

*Prerequisite: None*

What has God called you to do and uniquely equipped you for? Discover the spiritual gifts God has given you and understand those given to all believers to glorify Himself and strengthen His church. In *Spiritual Gifts Part 2* we will examine the following gifts: Mercy, Word of Wisdom, Word of Knowledge, Faith, Gifts of Healing, Effecting of Miracles, Distinguishing of Spirits, Tongues and Interpretation of Tongues.

# DUAL ENROLLMENT

Dual Enrollment programs provide opportunities for NCA Juniors and Seniors to take college-level courses and earn concurrent credit toward a high school diploma and a college degree while in high school. All dual enrollment classes will be taken online or at NCA. Students will have a scheduled class period during the day where they will work on their dual enrollment class assignments and will be supervised by an NCA faculty member. Parents are responsible for tuition, books, laptops, (if required) and other applicable fees. The following criteria must be met for Dual Enrollment:

- Students must be a Junior or Senior.
- Students must meet Dual Enrollment requirements determined by the accredited college or university to which the student is applying for courses. This may include taking the SAT/ACT/COMPASS test.
- Acceptance by NCA administration for participation.
- A signed student and parent Dual Enrollment agreement allowing NCA the ability to monitor grades from online classes.

Classes are available through:

- Columbia International University
- LeTourneau University
- Liberty University
- Midlands Technical College

## **English Composition and Research 1.00 Credit**

*(Dual Enrollment through CIU)*

*Prerequisite: Completion of 10<sup>th</sup> grade*

*\*Offered on-campus at NCA*

This is a college level course designed to provide students with an introduction to reaching well-reasoned conclusions based upon the most credible evidence available, skills fundamental to college writing but also for life as an educated adult. You will develop your abilities with modern academic library resources as evidenced through an annotated bibliography, among other assignments. You will spend the majority of the course drafting and revising papers which demonstrate the effective use of secondary resources. (1.00 high school credits, 3.00 college credits, additional fees)

## **English Literature and Research 1.00 Credit**

*(Dual Enrollment through CIU)*

*Prerequisite: Completion of 10<sup>th</sup> grade, English Composition and Research or AP English language*

*\*Offered on-campus at NCA*

This is a college level course designed to strengthen your critical thinking, reading, and writing skills-an important preparation for meeting the academic challenges of your educational career as well as for learning to participate in the world of ideas. This course serves as an introduction to the appreciation and analysis of literature in three genres: short fiction, poetry, and drama. (1.00 high school credits, 3.00 college credits, additional fees)

## **Introduction to Statistics 1.00 Credit**

*(Dual Enrollment through CIU)*

*Prerequisite: Completion of 10<sup>th</sup> grade and Algebra 2*

*\*Offered on-campus at NCA*

This course provides an elementary overview of probability and statistics that will prepare students to conduct and interpret research in a variety of scientific fields. The content will include descriptive statistics; probability; discrete and continuous random variables; binomial, normal, and student-t distributions methods for conducting inference, including confidence intervals and hypothesis tests; and linear correlation and regression. (1.00 high school credits, 3.00 college credits, additional fees)

## **College Algebra 1.00 Credit**

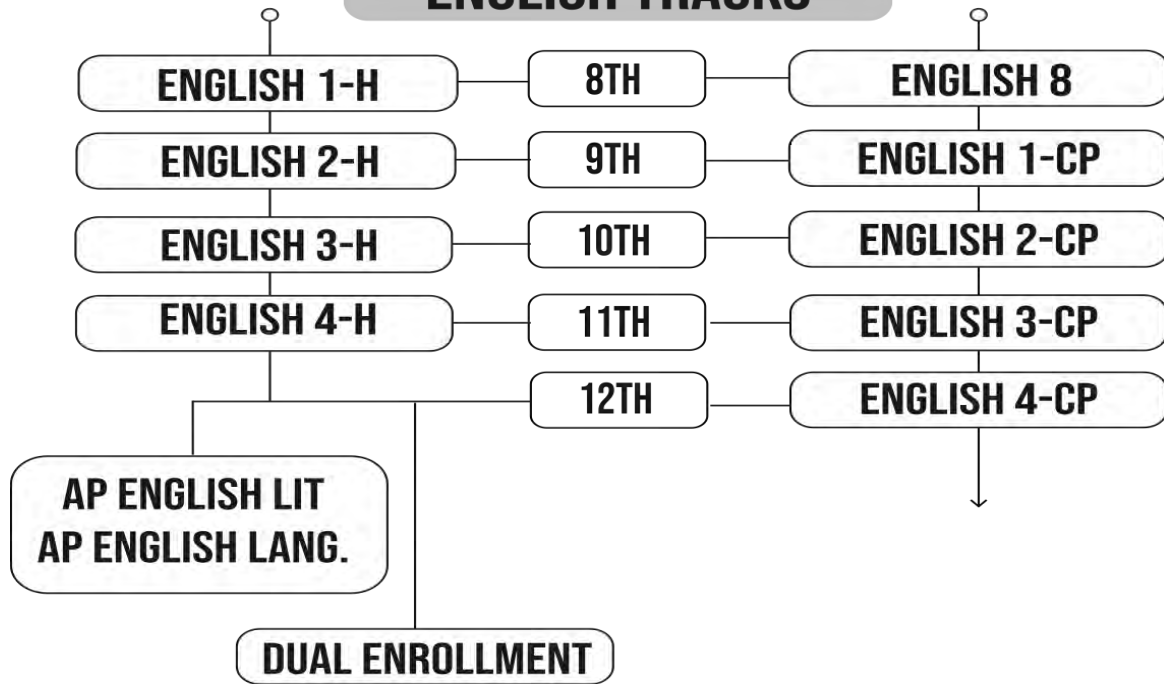
*(Dual Enrollment through CIU)*

*Prerequisite: Completion of 10<sup>th</sup> grade and Algebra 2*

*\*Offered on-campus at NCA*

This Course covers standard College Algebra such as functions and expressions, linear, quadratic and rational expressions, and financial formulas. The course will also cover real & complex numbers, equations and inequalities, linear and quadratic functions, exponential and logarithmic functions. (1.00 high school credits, 3.00 college credits, additional fees)

# ENGLISH TRACKS



# ENGLISH EDUCATION

## **English I College Prep**

**1.00 Credit**

*Prerequisite: 8<sup>th</sup> grade English*

English I College Prep conveys literature's foundational elements of conflict, character, theme, point of view, structure and tone. Students are also introduced to literary criticism and are encouraged to read and analyze literature in light of a Christian worldview. The literature selections include author biographies, and application questions that promote critical thinking skills. Students will also expand and acquire the usage of new vocabulary and gain an understanding of figurative language, word relationships, and nuances in word meanings through vocabulary workshops. Students will also begin a solid foundation of writing skills, by learning how to effectively use a wide range of structural models and stylistic techniques in compositions, as students write on a variety of fiction and non-fiction topics.

## **English I Honors**

**1.00 Credit**

*Prerequisite: Teacher Recommendation*

English I Honors conveys literature's foundational elements of conflict, character, theme, point of view, structure and tone. Students are also introduced to literary criticism and are encouraged to read and analyze literature in light of a Christian worldview. The literature selections include author biographies, and application questions that promote critical thinking skills. Students will also expand and acquire the usage of new vocabulary and gain an understanding of figurative language, word relationships, and nuances in word meanings through vocabulary workshops. Literature, as well as everything we do, will be rooted in scriptural applications. In writing, students will conduct research, create original compositions, develop a five-paragraph essay, and learn to write critiques. Students will also gain exposure to advanced elements of grammar, as well as high level vocabulary usage. Overall, this course

builds upon previously learned concepts, while also providing new experiences with advanced language in order to build a solid foundation for high school success, and beyond. Additional objectives for English I Honors include reading additional long novels or dramas throughout the year, learning to analyze these works in a deeper fashion and creating projects on these works analyzing either literary elements or authorial world views.

## **English II College Prep**

**1.00 Credit**

*Prerequisite: English 1*

English II College Prep broadens students' understanding of literature by focusing on advanced literary concepts. Students will learn the method and the importance of literary analysis by studying pieces from several genres and interpreting them in light of biblical truth. Students will expand critical thinking skills as key to understanding and appreciating literature. In addition, each unit relates the unit's topic with the visual arts. Students will advance in the usage of new vocabulary progressing in an understanding of figurative language, word relationships, and nuances in word meanings through the Vocabulary Workshop curriculum. Students will also continue to build upon the skills learned in English I, writing a variety of fiction and non-fiction compositions with a wide range of structural models and stylistic techniques.

## **English II Honors**

**1.00 Credit**

*Prerequisite: English 1 Honors*

English II Honors broadens students' understanding of literature by focusing on advanced literary concepts. Students will learn the method and the importance of literary analysis by studying pieces from several genres and interpreting them in light of biblical truth. Students will expand critical thinking skills as key to understanding and appreciating literature. In addition, each unit relates the unit's topic with the visual arts. Students will advance in the usage of new vocabulary progressing in an

understanding of figurative language, word relationships, and nuances in word meanings through the Vocabulary Workshop curriculum. Students will also continue to build upon the skills learned in English I, writing a variety of fiction and non-fiction compositions with a wide range of structural models and stylistic techniques. Additional objectives for English II Honors include reading additional long novels or dramas throughout the year, learning to analyze these works in a deeper fashion and creating projects on these works analyzing either literary elements or authorial worldviews.

**English III College Prep**                      **1.00 Credit**

*Prerequisite: English 2*

English III College Prep introduces students to more than seventy authors in a study that connects the authors' lives and beliefs as revealed in their writings with the corresponding literary periods. Lessons examine Colonial-Revolutionary, Romantic, Realistic/Naturalistic, Modern, and Contemporary literature, as well as issues and ideas relevant to America today. The curriculum includes introductory essays about the cultural and historical events that affect each literary period, biographical essays for each author, and discussions for each author's body of included work. Students will continue to increase writing skills piece by piece. Students will analyze the entire essay-building process and practice forming important components of essays, such as, captivating introductions, compelling descriptions, and convincing conclusions. Students will learn how to bring their words and arguments to life.

**English III Honors**                              **1.00 Credit**

*Prerequisite: English 2 Honors*

English III Honors introduces students to more than seventy authors in a study that connects the authors' lives and beliefs as revealed in their writings with the corresponding literary periods. Lessons examine Colonial-Revolutionary, Romantic, Realistic/Naturalistic, Modern, and Contemporary literature, as well as issues and

ideas relevant to America today. The curriculum includes introductory essays about the cultural and historical events that affect each literary period, biographical essays for each author, and discussions for each author's body of included work. Students will continue to increase writing skills piece by piece. Students will analyze the entire essay-building process and practice forming important components of essays, such as, captivating introductions, compelling descriptions, and convincing conclusions. Students will learn how to bring their words and arguments to life. Additional objectives for English III Honors include reading additional long novels or dramas throughout the year, learning to analyze these works in a deeper fashion and creating projects on these works analyzing either literary elements or authorial worldviews.

**English IV College Prep**                      **1.00 Credit**

*Prerequisite: English 3*

English IV College Prep discusses literature selections and cultural issues from eight literary periods in light of Scripture: Old English, Middle English, Tudor, Stuart, Neoclassical, Romantic, Victorian, and Modern. Students will trace British English with a Christian perspective from its beginning to the present and study the Shakespearean drama entitled Macbeth. Students will develop essays and write research papers in preparation for college. Students will progress with the writing skills acquired in English III Honors by continuing to understand how to bring their words and arguments to life through writing.

**English IV Honors**                              **1.00 Credit**

*Prerequisite: English 3 Honors*

English IV Honors discusses literature selections and cultural issues from eight literary periods in light of Scripture: Old English, trace British English with a Christian perspective from its beginning to the present and study Middle English, Tudor, Stuart, Neoclassical, Romantic, Victorian, and Modern. Students will the Shakespearean drama entitled Macbeth.

Students will develop essays and write research papers in preparation for college. Students will progress with the writing skills acquired in English III Honors by continuing to understand how to bring their words and arguments to life through writing. Additional objectives for English IV Honors include reading additional long novels or dramas throughout the year, learning to analyze these works in a deeper fashion and creating projects on these works analyzing either literary elements or authorial worldviews

**AP Language 1.00 Credit**

*Prerequisites: Recommendation, English 3,4 Honors with a B+ average.  
Recommended Grade Levels: 11th - 12<sup>th</sup>*

Students analyze literary pieces against the truth of God's word. This course includes reading, analyzing, writing, rewriting, and discussing creations by renowned authors. With intensive concentration on composition skills and on authors' narrative techniques, this course equips students for success in college, in a career and the AP exam. The students will how tasty truth can be (Ez. 3:3)

Required Purchased Materials: The price of this course includes custom course materials. Additionally, students will need to find specific book titles that can be borrowed from a public library or rented from a local video store.

**English Composition and Research 1.00 Credit**

*(Dual Enrollment through CIU)  
Prerequisite: Completion of 10<sup>th</sup> grade  
\*Offered on-campus at NCA*

This is a college level course designed to provide students with an introduction to reaching well-reasoned conclusions based upon the most credible evidence available, skills fundamental to college writing but also for life as an educated adult. You will develop your abilities with modern academic library resources as evidenced through an annotated bibliography, among other assignments. You will spend the majority of the course drafting and revising papers which demonstrate the effective use of secondary resources. (1.00 high school credits, 3.00 college credits, additional fees)

**English Literature and Research 1.00 Credit**

*(Dual Enrollment through CIU)  
Prerequisite: Completion of 10<sup>th</sup> grade, English Composition and Research or AP English language*

*\*Offered on-campus at NCA*

This is a college level course designed to strengthen your critical thinking, reading, and writing skills-an important preparation for meeting the academic challenges of your educational career as well as for learning to participate in the world of ideas. This course serves as an introduction to the appreciation and analysis of literature in three genres: short fiction, poetry, and drama. (1.00 high school credits, 3.00 college credits, additional fees)

# FOREIGN LANGUAGE EDUCATION

(All Foreign Language classes are CP)

## **Spanish I College Prep** **1.00 Credit**

*Prerequisite: 10<sup>th</sup> grade*

Spanish I is the first year of study in Spanish for beginning-level students. This course is designed to develop a foundational level of proficiency as defined by the proficiency guidelines of the American Council on the Teaching of Foreign Languages. Each lesson includes a *Diálogo* (dialogue) or *Lectura* (reading passage), a useful tool to reinforce vocabulary and grammar points. Most lessons contain vocabulary introductions. New words appear after the reading selections so that the students may familiarize themselves early on with the vocabulary they will be using in the lesson and practice exercises. Each lesson presents several grammatical structures. The presentations are arranged in logical sequences that allow the students to build upon a balanced foundation. Each new structure is followed by several reinforcement exercises called *Actividades* (activities). Spanish 1 for Christian Schools emphasizes missions, the learning of Bible verses in Spanish, and vocabulary for witnessing in Spanish. Teaching students to become Christ like and to communicate in Spanish is the main goal of this text.

## **Spanish II College Prep** **1.00 Credit**

*Prerequisite: Spanish I*

Spanish II is the second year of study in Spanish for secondary-level students. This course is designed to develop an ‘intermediate-low’ to ‘intermediate-mid’ level of proficiency as defined by the proficiency guidelines of the American Council on the Teaching of Foreign Languages. It is designed to align with the five Cs of the national standards in foreign language education: communication, culture,

connections, comparisons, and communities.

The main thrust of this text is to teach the student to reach out to Hispanics with the gospel of Christ. In learning the Hispanic culture and customs, the student will communicate more effectively in the Hispanic community. This course is not designed for students to go onto Spanish 3 honors.

## **Spanish II Honors** **1.00 Credit**

*Prerequisite: Spanish I*

Spanish II Honors is the second year of study in Spanish for secondary-level students who excelled in Spanish I. This course is designed to develop an ‘intermediate-mid’ level of proficiency as defined by the proficiency guidelines of the American Council on the Teaching of Foreign Languages. It is designed to align with the five Cs of the national standards in foreign language education: communication, culture, connections, comparisons, and communities. The main thrust of this text is to teach the student to reach out to Hispanics with the gospel of Christ. In learning the Hispanic culture and customs, the student will communicate more effectively in the Hispanic community. This course is designed for students to go onto Spanish 3 honors.

## **Spanish III Honors** **1.00 Credit**

*Prerequisite: Spanish II*

Spanish III Honors is the third year of study in Spanish for secondary-level students who excelled in Spanish II and choose to pursue a third year. This course is designed to develop an ‘intermediate-high’ to ‘advanced-low’ level of proficiency as defined by the proficiency guidelines of the American Council on the Teaching of Foreign Languages. It is designed to align with the five Cs of the national standards in foreign language education: communication, culture, connections, comparisons, and communities. The main thrust of this text is to teach the student to reach out to Hispanics with the gospel of Christ. In learning the Hispanic



culture and customs, the student will communicate more effectively in the Hispanic community.

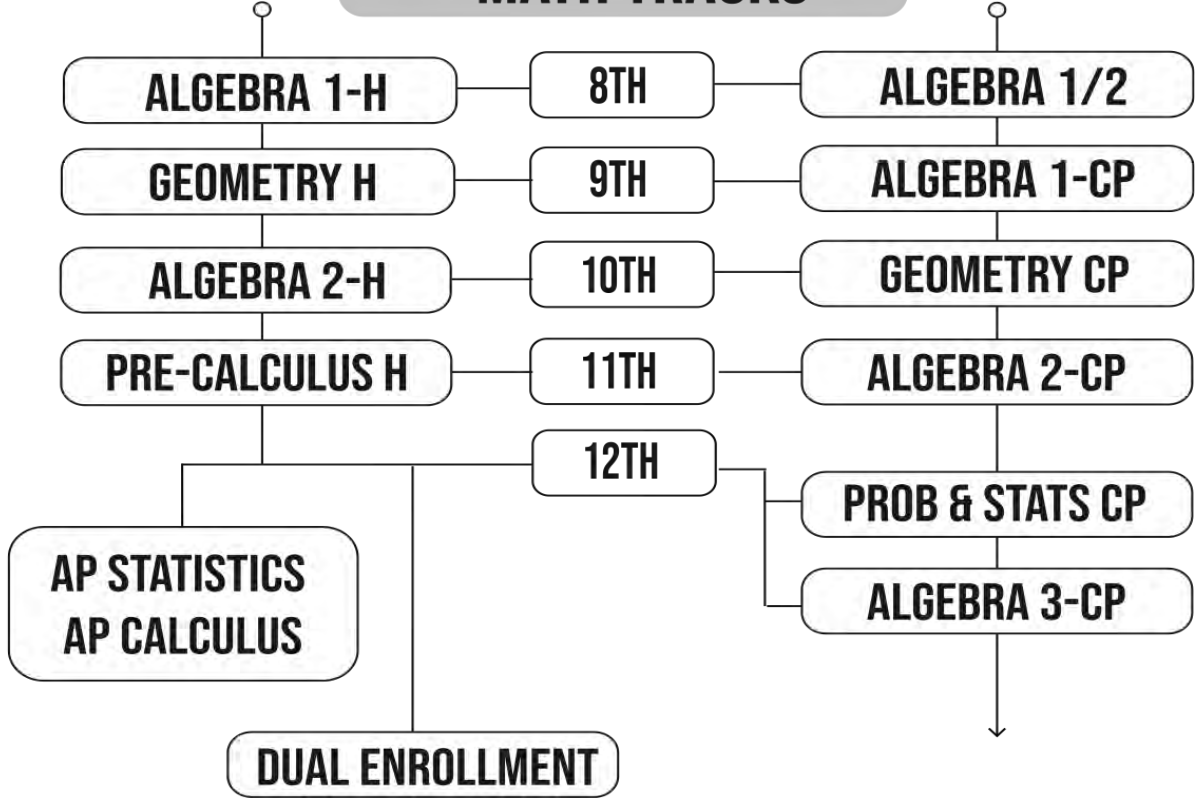
**French I College Prep**

**1.00 Credit**

*Prerequisite: None*

French 1 is an introductory language class which emphasizes communicating in three ways or “modes”: understanding French when you read or hear it (interpretive communication), being able to present information in French either by speaking or writing it (presentational communication), and communicating back and forth with someone else in French (interpersonal communication). The goal for students in French 1 is to be able to understand and communicate about simple, everyday topics in each of the three modes of communication. Communication is guided by the learned vocabulary and support structures taught throughout the course. Language is presented within the context of the French world with some emphasis on culture of French-speaking countries. French 1 for Christian Schools emphasizes the equipping of young people to be used by the Lord in meeting the spiritual needs of French speaking people around the world.

# MATH TRACKS



# MATHEMATICS EDUCATION

## **Algebra I College Prep** **1.00 Credit**

*Prerequisite: Algebra ½ or 8<sup>th</sup> grade Math*

Secondary Mathematics education has 3 main goals: (1) learning about the mind of God by discovering the order that He has richly and graciously imposed on His world, (2) the instruction of mechanics in solving problems that could arise in real world situations at home and at work, and (3) the development of problem solving, logic, and critical and creative thinking skills. Understanding math - in connection with the other disciplines - enables students to understand how-to live-in God's world. As we learn more about the vast and infinite qualities of God's mind, His majesty and power are put into greater perspective. This course provides a contemporary curriculum that is accessible to a wide range of students. Classroom-tested for effectiveness, this text contains carefully developed exercise sets with abundant practice skills and real-life applications. Activities also cover technology use, concept explorations, and critical thinking exercises. Students earn one credit for this course. Students must have a grasp of arithmetic in order to successfully navigate Algebra. Specifically, students should be able to add, subtract, multiply, and divide rational numbers. Tutoring is available for students who wish to hone arithmetic skills or to have further practice in topics covered in class. College prep students will focus on establishing foundational basic skills and application techniques.

## **Algebra I Honors** **1.00 Credit**

*Prerequisite: Teacher Recommendation*

Secondary Mathematics education has 3 main goals: (1) learning about the mind of God by discovering the order that He has richly and graciously imposed on His world, (2) the instruction of mechanics in solving problems that could arise in real world situations at home

and at work, and (3) the development of problem solving, logic, and critical and creative thinking skills. Understanding math - in connection with the other disciplines - enables students to understand how-to live-in God's world. As we learn more about the vast and infinite qualities of God's mind, His majesty and power are put into greater perspective.

This course provides a contemporary curriculum that is accessible to a wide range of students. Classroom-tested for effectiveness, this text contains carefully developed exercise sets with abundant practice skills and real-life applications. Activities also cover technology use, concept explorations, and critical thinking exercises. Students earn one credit for this course. Students must have a grasp of arithmetic in order to successfully navigate Algebra. Specifically, students should be able to add, subtract, multiply, and divide rational numbers. Tutoring is available for students who wish to hone arithmetic skills or to have further practice in topics covered in class. Honors students will focus on basic skills and techniques while also using higher level thought and critical thinking skills to solve complex and advanced problems and discover for themselves in independent study.

## **Geometry College Prep** **1.00 Credit**

*Prerequisite: Algebra 1*

This is a one-year course to develop and practice problem-solving skills using inductive and deductive reasoning. Through the study of Geometry, students will develop proficiency in using mathematics to solve problems in everyday life. The goal is for students to expand their understanding of mathematical concepts while improving their logic skills. Students will gain an understanding of geometry as a study of the mathematical relationships of objects in God's world around us.

**Geometry Honors** **1.00 Credit**

*Prerequisite: Algebra 1 Honors*

This is a one-year course to develop and practice problem-solving skills using inductive and deductive reasoning. Through the study of Geometry, students will develop proficiency in using mathematics to solve problems in everyday life. The goal is for students to expand their understanding of mathematical concepts while improving their logic skills. Students will gain an understanding of geometry as a study of the mathematical relationships of objects in God's world around us. Honor students will focus on basic skills and techniques while also using higher level thought and critical thinking skills to solve complex and advanced problems and discover for themselves in independent study.

**Algebra II College Prep** **1.00 Credit**

*Prerequisite: Geometry*

This course continues the development of concepts and skills from Algebra 1. Students will use equations, inequalities, complex numbers and polynomials to solve problems. Additional topics include conic sections, quadratic functions, exponential functions, logarithmic functions, and rational functions. Students will become proficient in the graphing and interpretation of parent functions. In addition, right triangle trigonometry will be reviewed in preparation for pre-calculus next year. College prep students will focus on establishing foundational basic skills and application techniques.

**Algebra II Honors** **1.00 Credit**

*Prerequisite: Geometry Honors*

This course continues the development of concepts and skills from Algebra 1. Students will use equations, inequalities, complex numbers and polynomials to solve problems. Additional topics include conic sections, quadratic functions, exponential functions, logarithmic functions, and rational functions. Students will become proficient in the graphing and

interpretation of parent functions. In addition, right triangle trigonometry will be reviewed in preparation for pre-calculus next year.

Honors students will focus on basic skills and techniques while also using higher level thought and critical thinking skills to solve complex and advanced problems and discover for themselves in independent study.

**Algebra III College Prep** **1.00 Credit**

*Prerequisite: Algebra 2 and Geometry*

In this course you will be challenged to use all that you learned in Algebra 2 and Geometry to prepare for further mathematics courses. You will learn to collect, organize, display and analyze data in an introduction to statistics. You will also learn basic probability rules and counting techniques to model and solve application problems. Other topics to be studied are sequences and series, along with conic sections and matrices. Finally, our class will strengthen its understanding of functions, drawing on prior algebra knowledge to review polynomial, rational, exponential, logarithmic and trigonometric functions. Understanding how different branches of mathematics are tied together in useful and interesting ways will reinforce the knowledge that God is indeed the greatest mathematician.

**Probability and Statistics College Prep**

**1.00 Credit**

*Prerequisite: Algebra 2*

This course is designed for each student to master a wide variety of skills in the domain of statistics that will provide the foundation for college-level mathematics. Math and science at their core are academic and practical ways of describing and understanding God's creation, and statistics skills are important for a wide variety of college majors. This course will build your academic skills, help you learn to employ technology to enhance your own learning, and open your eyes to the complexity of the creation. Statistics regularly introduces new

concepts that you may not have ever encountered before.

**Pre-Calculus Honors** **1.00 Credit**

*Prerequisite: Algebra 2 Honors*

Pre-Calculus Honors students will apply and expand their knowledge of Algebra and Geometry in the study of conic and parametric equations, Transcendental Functions, vectors, statistics, Sequences, and Series to culminate in the exploration of Limits and the Derivative. This knowledge will allow students to delve into the richness of God's creation by connecting to advanced topics in Physical, Life, and Social Sciences such as electricity, hypothesis testing, nutrition, and architecture. Students will earn one credit for this course.

Students must be strong in Algebra in order to be successful in Pre-calculus. Specifically, students should be able to work with binomial operations over the real set, solve polynomial equations up to the 2nd degree, recognize trigonometric functions, and utilize a graphing calculator. Honors students will use higher-level thinking and strategies to solve more complex and advanced problems, allowing the student to make discoveries for themselves in independent study. Tutoring is available for students who wish to hone skills or to have further practice in topics covered in class.

**Calculus Honors** **1.00 Credit**

*Prerequisite: Teacher Recommendation and Pre-Calculus*

Calculus Honors students will be challenged to use all knowledge learned in Algebra 2 and Pre-calculus to gain a working knowledge of differentials. A study of exponential and logarithmic functions is included. Other topics of study include trigonometric identities, formulas and graphs, basic integration, and applications of the derivative and the definite integral. Students will also strengthen graphing calculator skills.

**AP Statistics**

**1.00 Credit**

*Prerequisites: Algebra 2 Honors or Pre-Calculus Honors*

*Recommended Grade Levels: 11th - 12<sup>th</sup>*

AP Statistics will allow students to explore the broad conceptual themes of statistics while recognizing the amazing benefits of the mathematical order of God's creation. Students will explore data as biblical stewards. They will put this knowledge into practice as they plan and conduct a statistical study. They will also practice anticipating patterns and making statistical inferences while learning how this information can help us serve God and others rather than ourselves. This course seeks to prepare students for the AP exam while also introducing students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data.

Required Purchased Materials: This course requires use of a graphing calculator with a USB cord and access to Ti Connect Software (free download).



**Intro to Engineering**

**0.50 Credit**

*Prerequisite: Geometry and Algebra 1*

Introduction to Engineering is geared towards students who are interested in design and engineering. The major focus of the course is to investigate the idea that the earth and all

it contains is a realm that God intends for humans to properly steward and govern. This is accomplished by exposing students to the design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards, and technical documentation. Students will be given the opportunity to develop skills and understanding of course concepts through hands-on, project-based learning. With successful completion of this course, students will have a basic understanding of how engineers create and test new products through the design process.

**Introduction to Statistics**                      **1.00 Credit**

*(Dual Enrollment through CIU)*

*Prerequisite: Completion of 10<sup>th</sup> grade and Algebra 2*

*\*Offered on-campus at NCA*

This course provides an elementary overview of probability and statistics that will prepare students to conduct and interpret research in a variety of scientific fields. The content will include descriptive statistics; probability; discrete and continuous random variables; binomial, normal, and student-t distributions methods for conducting inference, including confidence intervals and hypothesis tests; and linear correlation and regression. (1.00 high school credits, 3.00 college credits, additional fees)

**College Algebra**                                      **1.00 Credit**

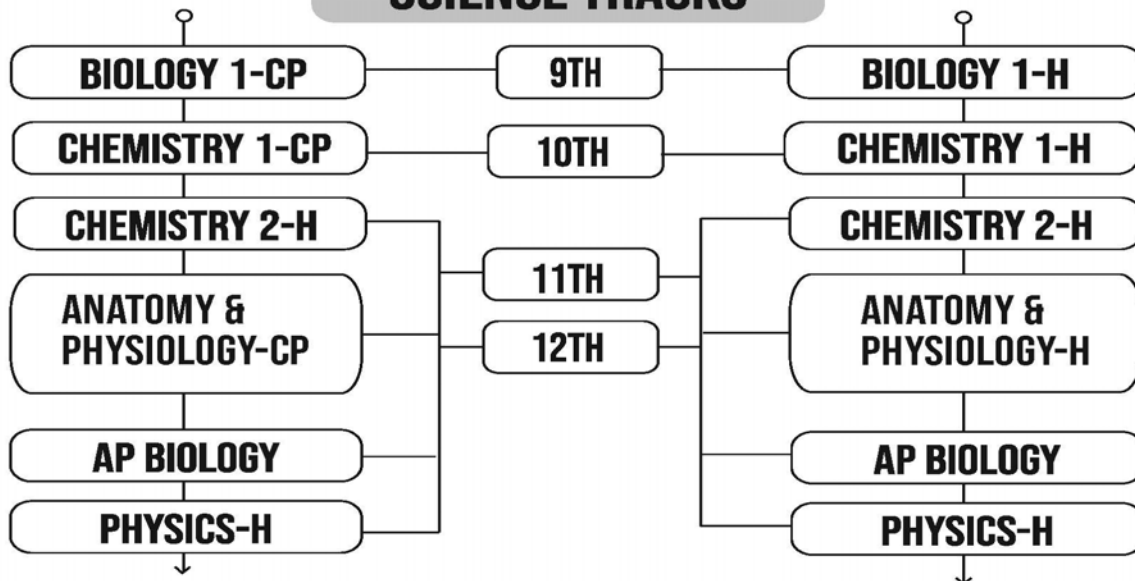
*(Dual Enrollment through CIU)*

*Prerequisite: Completion of 10<sup>th</sup> grade and Algebra 2*

*\*Offered on-campus at NCA*

This Course covers standard College Algebra such as functions and expressions, linear, quadratic and rational expressions, and financial formulas. The course will also cover real & complex numbers, equations and inequalities, linear and quadratic functions, exponential and logarithmic functions. (1.00 high school credits, 3.00 college credits, additional fees)

## SCIENCE TRACKS



# SCIENCE EDUCATION

## **Biology I College Prep**

**1.00 Credit**

*Prerequisite: None*

Biology I Honors is the study of living things. Students begin by defining science and learning why a true knowledge of God is central in the study of life. After an introduction to basic biochemistry, students will study the cell, the basic unit of life. Next students will study genetics, the study of heredity, which will lead into an exploration of biotechnology. Next, students will discuss the basic tenets of biological evolution and why biblical creationism best explains all aspects of life. Then, a study of organism classification will precede an in-depth look at each of the five kingdoms: Monera (bacteria), Protista (single-celled organisms that do not fit in any other kingdom), Fungi, Plantae, and Animalia. At the end of the year, students will explore human anatomy and physiology.

## **Biology I Honors**

**1.00 Credit**

*Prerequisite: Teacher Recommendation*

Biology I Honors is the study of living things. Students begin by defining science and learning why a true knowledge of God is central in the study of life. After an introduction to basic biochemistry, students will study the cell, the basic unit of life. Next students will study genetics, the study of heredity, which will lead into an exploration of biotechnology. Next, students will discuss the basic tenets of biological evolution and why biblical creationism best explains all aspects of life. Then, a study of organism classification will precede an in-depth look at each of the five kingdoms: Monera (bacteria), Protista (single-celled organisms that do not fit in any other kingdom), Fungi, Plantae, and Animalia. At the end of the year, students will explore human anatomy and physiology. Honor Biology students are expected to demonstrate a deeper understanding or knowledge of the concepts and skills of biology.

This will be reflected in more complex assignments and more thought-provoking assessment than those at the college prep level.

## **Anatomy & Physiology College Prep 1.00 Credit**

*Prerequisite: Biology 1 and Chemistry 1*

Anatomy and Physiology is the study of the anatomy and physiology of the human body. In this course, students will learn the 11 major systems that make up the body. Students will learn about cellular biology, genetics, taxonomy, microbiology, botany, zoology, and human anatomy. The efficiency with which each system works, and the seamless integration of one system with the others represents a feat of engineering that will never be matched by modern technology. When students study topics such as Creation and evolution, human cloning, abortion, and stem cell research, students are pointed to Scripture as the ultimate authority and are encouraged to develop a biblical perspective about these topics.

## **Anatomy & Physiology Honors**

**1.00 Credit**

*Prerequisite: Biology 1 and Chemistry 1*

Anatomy and Physiology Honors is the study of the anatomy and physiology of the human body. In this course, students will learn the 11 major systems that make up the body. Students will learn about cellular biology, genetics, taxonomy, microbiology, botany, zoology, and human anatomy. The efficiency with which each system works, and the seamless integration of one system with the others represents a feat of engineering that will never be matched by modern technology. When students study topics such as Creation and evolution, human cloning, abortion, and stem cell research, students are pointed to Scripture as the ultimate authority and are encouraged to develop a biblical perspective about these topics. Throughout the year students will be reading a novel by Philip Yancey called Fearfully and Wonderfully Made, which will give students greater depth of insight and appreciation for this glorious truth.



**Chemistry I College Prep** **1.00 Credit**

*Prerequisite: Biology 1*

Chemistry I College Prep presents recent chemistry-related research, developments, and relevant dominion science problems with stimulating discussions. Students will study about the makeup of matter, the design of atoms, the periodic table, molecular bonds, formulas, reactions, solutions, acids, and bases and several specialized branches of chemistry. Students will be required to use mathematical skills acquired in Algebra in order to solve problems in Chemistry. Students will not only gain knowledge in all the major areas and innovative developments involving chemistry, but will also be inspired to see the process, relevancy, and usefulness of science in the area of chemistry. Students will build their knowledge of chemistry concepts and learn to appreciate how God has given humans the ability to use science to serve others.

**Chemistry I Honors** **1.00 Credit**

*Prerequisite: Biology 1*

Chemistry I Honors presents recent chemistry-related research, developments, and relevant dominion science problems with stimulating discussions. Students will study about the makeup of matter, the design of atoms, the periodic table, molecular bonds, formulas, reactions, solutions, acids, and bases and several specialized branches of chemistry. Students will be required to use mathematical skills acquired in Algebra in order to solve problems in Chemistry. Students will not only gain knowledge in all the major areas and innovative developments involving chemistry, but will also be inspired to see the process, relevancy, and usefulness of science in the area of chemistry. Students will build their knowledge of chemistry concepts and learn to appreciate how God has given humans the ability to use science to serve others. Honor Chemistry students are expected to demonstrate a deeper understanding or knowledge of the concepts and skills of

chemistry. This will be reflected in more complex assignments and more thought-provoking assessment than those at the college prep level.

**Chemistry II Honors** **1.00 Credit**

*Prerequisite: Chemistry 1 honors*

Chemistry II is an advanced course that looks at many concepts in physical and organic chemistry. This course will reiterate the basics of Chemistry and continue more in-depth studies. This course will cover stoichiometry, bonding, chemical reaction, thermodynamics, chemical kinetics, chemical equilibrium, oxidation-reduction, organic chemistry, and nuclear chemistry. Students will have the opportunity to study the intricate complexity of orbital models to the tremendous energy released by an atomic explosion by developing critical thinking skills. Students will need to have knowledge in the foundations of Chemistry I and have basic mathematical skills in Algebra in order to advance scientific reasoning and logic. Students will be inspired to see the process, relevancy, and usefulness of chemistry from a distinctly Christian perspective. Honor Chemistry students are expected to demonstrate a deeper understanding or knowledge of the concepts and skills of chemistry. This will be reflected in more complex assignments and more thought-provoking assessment than those at the college prep level.

**AP Chemistry** **1.00 Credit**

*Prerequisite: Biology, Chemistry I, Algebra 2*

*Co-Requisite: Pre-Calculus*

*Recommended Grade Levels: 11<sup>th</sup>-12<sup>th</sup>*

AP Chemistry helps students look at the design of creation to understand the Designer. The key themes of the AP Chemistry course - the atom, molecular and ionic compounds, intermolecular forces, chemical reactions, kinetics, equilibrium, thermodynamics, and acid base chemistry. This challenging course is designed to provide a college-level experience and prepare students

for the AP exam in early May. Over two semesters, the students are engaged in a wide variety of activities, with substantial emphasis on interpreting and collecting data in labs, writing analytical laboratory reports and mastering chemistry concepts and connections. Throughout this course, students will be expected to answer questions, reflect on issues and complete lab activities. The primary emphasis is to develop an understanding of concepts rather than memorizing terms and technical details.

**Physics Honors** **1.00 Credit**

*Prerequisite: Biology and Chemistry Honors*

Physics Honors is designed to guide students in an excursion into the world of Classical Physics – forces, movement, mechanics, energy, electricity, magnetism, and optics. Topics of relativity, quantum mechanics, and nuclear physics are also introduced. Besides learning physics content, students will learn to solve problems by applying physics principles. Students will use a logical problem-solving approach with many examples and diagrams. The level of math skills needed progresses with the level of content and are derived from skills that are more basic. Students will be prompted to see how science is the best way to understand, exercise dominion over God’s creation, and gain a deeper understanding of the mathematical relationships found in physics.

**Environmental Science** **0.50 Credit**

*Prerequisite: None*

Environmental Science includes: biotic and abiotic factors in habitats, ecosystems, and biomes; interrelationships among resources and an environmental system; sources and flow of energy through an environmental system; relationship between carrying capacity and changes in populations and ecosystems; and changes in environments. This is not a lab science.

**Marine Biology**

**0.50 Credit**

*Prerequisite: None*

Marine Biology will primarily focus on God’s creation of the ocean and its ecosystems. Specifically, in Marine Biology, we will investigate how the ocean provides the perfect environmental and chemical stability for many species, including producers, invertebrates and Chordata. We will also analyze various coastal ecosystems and how human’s impact those ecosystems on a daily basis. We will spend time in the lab dissecting squids and also completing various activities that simulate oil spills and other environmental disasters in our oceans. This is a fun and engaging course that will provide you a broad survey of Marine Biology. This is not a lab science.

# SOCIAL STUDIES EDUCATION

## **American Government College Prep**

**0.50 Credit**

*Prerequisite: US History*

American Government will guide students to gain a conservative, Christian perspective while understanding that human government enables a nation to build and effectively maintain society according to God's principles. Students will examine the fascinating study of the Constitution, the government it established, and the rights and privileges it guarantees the American people. After studying the Constitution and the national government, students learn about federalism and government at the state and local levels. Students will build a firm foundation to become informed, responsible citizens and voters in today's world. Students will learn how to exercise their reasoning abilities by discussing important concepts and give reasons for their beliefs. Note: State and Local Government is designed to accompany American Government as a study outline for students to fill in with information about their own state, county, and locality.

## **Economics College Prep**                      **0.50 Credit**

*Prerequisite: US History*

This course focuses on work and prosperity and is set apart by its emphasis on free enterprise capitalism in a free market economy. After learning the biblical views of work, wealth, and stewardship, students can understand the proper economic roles of individual producers and consumers, as well as the role of the government from a conservative, Christian perspective. The stark contrast between the market economy—the cornerstone of prosperity in the United States—and the command economy—the hallmark of fiscal failure in Communist and Socialist countries—is graphically presented. Essential concepts such as competition in the marketplace and private

ownership of capital are discussed from a conservative perspective. Students will learn to appreciate the free enterprise system for its acceptance of the individual's God-given freedom to choose and his accountability to God.

## **United States History College Prep**

**1.00 Credit**

*Prerequisite: World History*

United States History will prompt students to study the ten eras listed in the National Standards for United States History. Students will expand their understanding of the exploration and colonization eras, post-Civil War development of industry and the emergence of "modern" America in the late nineteenth century, the post-World War II era, and the contemporary United States. Students will define and use basic terms from U.S history, interpret historical maps, evaluate historical narratives and original documents, interpret common tools of historians, such as timelines, graphs, and charts. Within a biblical worldview, students will gain understanding and discernment of God's providence in any era by discovering the forces, issues, and events that have shaped the United States history and the people who made it happen. All juniors will have the opportunity to travel to Washington, D.C. to enrich their learning about American History.

## **World History College Prep**

**1.00 Credit**

*Prerequisite: Cultural Geography*

This course is based on the conviction that God is the Creator of the universe and the Controller of history. Because the focal point of history is the birth of Christ, World History takes the view that all history is either pointing toward the birth of Christ or looking back to it. Students study how God used events before the birth of Christ to prepare the world for His coming. Then, after His birth, they trace the impact of Christianity on the events of world history. This course helps students see the sovereign hand of God in

history, as well as the consequences of man's choices. The Providence of God has guided history for His glory. Yet, each person is free to choose whether or obey God and be used by Him or to disobey and suffer the consequences. This world history also illustrates the truth of Proverbs 14:34, "Righteousness exalted a nation, but sin is a reproach to any people."

world and still resonates in the 21<sup>st</sup> Century. This includes the Russian Revolution, allied relations in WWII, the Berlin Airlift, the Korean war, the nuclear policy, Cuba, the Berlin Wall, Vietnam, the Reagan years, the Soviet-Afghan War, the fall of Communism, Desert Shield/Storm and the current War on Terror. This counts as an elective course or a social studies course.

### **History of the Holocaust College Prep**

#### **0.50 Credit**

*Prerequisite: Cultural Geography*

The History of the Holocaust will address the topic for those interested in learning about the horrors faced by the Jews in the mid-20<sup>th</sup> century. Students will dig into the period to gain a better understanding of those involved in various capabilities. The class will feature readings, research and using primary and secondary sources, as well as film and interviews to immerse themselves in what others experienced. We'll study the history of anti-Semitism; the rise of the Nazis, and the Holocaust itself, from the beginnings through liberation by the Allies, to its aftermath. With this semester sources, students will better understand the result of prejudice, apathy, and indifference, the possibility of government supported terror, as well as viewing glimpses of empathy and humanity. Summarily, we'll discover the who, what, when, where, and how, but also ask the most important questions, why, and where was God In the midst of this? Was He there, did He care? Did He have a broader purpose? This counts as an elective or social studies course.

### **Cold War History College Prep      0.50 Credit**

*Prerequisite: Cultural Geography*

This course will examine the origins of the Cold War and focus on the political, economic, social, military and cultural effects on the United States, the Soviet Union and the globe. Emphasis will focus on the conflicts and events under the umbrella of the Cold War, which shaped the

# TECHNOLOGY EDUCATION

(All Elective classes are college prep courses)

## **Fundamentals of Computing**      **1.00 Credit**

*Prerequisite: 10th grade*

Fundamentals of Computing is designed to introduce students to the field of computer science through an exploration of engaging and accessible topics. Through creativity and innovation, students will use critical thinking and problem-solving skills to implement projects that are relevant to students' lives. They will create a variety of computing artifacts while collaborating in teams. Students will gain a fundamental understanding of the history and operation of computers, programming, and web design. Students will also be introduced to computing careers and will examine societal and ethical issues of computing.

language like JavaScript in order to create websites that are well-organized, universally accessible, responsive, and easy to navigate. Students will learn the technological processes, requirements, and legal ramifications for publishing their websites. Students will learn how to create a portfolio of content-rich, well-styled websites. Successful completion of this course will prepare students for industry certifications.

## **Intro to Robotics and Control Systems**

**1.00 Credit**

*Prerequisite: 10th grade*

Students will explore basic development, building, and programming of robots. Students will work hands-on in teams to design, build, and program robots, and document their processes. Topics discussed may include motor controls, gear ratios, torque, friction, sensors, timing, program loops, logic gates, decision-making, timing sequences, propulsion systems, and binary number systems.

## **Fundamentals of Web Page Design and Development**

**1.00 Credit**

*Prerequisite: 10th grade*

The course will guide students in the development of websites in a project-based, problem-solving environment. Students will learn HTML, CSS, and basic scripting in a

# PHYSICAL EDUCATION

(All Elective classes are college prep courses and non-academic)

## **Athletic Fitness I & II** **1.00 Credit**

*Prerequisite: Athletic Experience/Current Football Player*

This course is designed to fully prepare boys to participate in football as a contact sport. This entry-level course that is essential for those desiring to play football. The course will increase their muscular strength, muscular endurance, flexibility, aerobic capacity, increase speed, as well as reduce body fat to an acceptable athletic level. This will reduce the chance of injury. Personal development is also stressed and includes mental, physical, and spiritual development. Character, leadership, discipline, teamwork, study habits, and mental toughness is emphasized. This class will earn a high school PE credit. **This course is only for students on the Football team.**

## **Athletic Fitness III & IV** **1.00 Credit**

*Prerequisite: Athletic Experience/Current Football Player*

This course is an extension of Athletic Fitness II. It is designed to fully prepare students to participate in football as a contact sport in grades 10-12 unless otherwise recommended by the head football coach. The course will increase the students' muscular strength, muscular endurance, flexibility, aerobic capacity, increase speed, as well as reduce body fat to an acceptable athletic level. This will reduce the chance of injury. Personal development is also stressed and includes mental, physical, and spiritual development. Character, leadership, discipline, teamwork, study habits, and mental toughness is emphasized. This class will earn a high school PE credit. **This course is only for students on the Football team.**

## **Strength and Conditioning** **0.50 Credit**

*Prerequisite: None*

The purpose of this course is to provide students with the opportunity for development of strength and conditioning for various sports and fitness related activities. Free weights, various resistance equipment, and conditioning activities will be incorporated to promote improvement in strength, power, endurance, flexibility, speed, and agility. A plan to achieve goals will be developed and implemented during this course. Effort and Attitude for high achievement is a major focus for this class. Can be taken for one semester (0.50 credit or for two semesters 1.00 credit) This class will earn a high school PE credit.

## **Physical Education** **1.00 Credit**

*Prerequisite: 9th grade*

The purpose of this course is to learn and to develop skills and concepts from various sports and fitness activities. Students will be introduced to the concepts and skills of sports which will then be applied to live competition games and tournaments. This class will earn a high school PE credit.

# FINE ARTS

(All Elective classes are college prep courses)

## **Art Studio I** **1.00 Credit**

*Prerequisite: None*

Art I students are challenged to engage in a hands-on creative process while practicing critical thinking skills. With the elements and principles of design as the foundation, students develop technique and application with a variety of 2D and 3D media. A number of historical and contemporary artists will be studied to further encourage the development of their individual self-expression. Students will earn one credit for this full year course.

## **Art Studio II** **1.00 Credit**

*Prerequisite: Art Studio I*

This class will be an exploration of artistic style. Now that you have covered the basics of technique and medium in Art 1, you can explore the stylistic application of those skills. Students will look at various artist and time periods to gain an understanding of how styles change as times change. This will lead into studies about our own time and the visual styles and artistic trends we see in the present day. This class will prepare students to explore voice and concept while studying more specific applications of the principles and elements of design.

## **Advanced Art** **1.00 Credit**

*Prerequisite: Art Studio II*

During this class, students will spend time working on developing a portfolio. This class is only offered to seniors and the student must also be enrolled in a visual art class.

## **Choir** **1.00 Credit**

*Prerequisite: None*

Choir is for male and female singers of grades 9-12. Students will learn breathing techniques, ear training, reading music, and many other skills

essential for young singers. They will also learn how to work as a team to achieve harmony, unity of sound, and a family atmosphere. Choir will perform at various events and will be required to order the appropriate attire. Choir elective may be taken by returning choir members and new singers. Personal practice is expected as well as occasional after school rehearsals and performances.

## **Worship Arts Honors** **1.00 Credit**

*Prerequisite: teacher recommendation*

Worship Arts is an advanced class for male and female students who desire to pursue corporate praise leadership. This course is available to singers and instrumentalists, as well as those skilled or interested in learning the technology used to produce a worship service, and who feel called by the Lord. In Worship Arts, students will learn multiple songs on a weekly basis for the purpose of leading chapel services. Students may be rotated in and out for chapel performances. Personal practice is expected from everyone. Students are required to bring their own instruments, excluding a full drum kit. Some outside performances will be required.

## **Yearbook** **1.00 Credit**

*Prerequisite: Recommendation from English Teacher*

This class will develop the knowledge, skills, and dispositions it will take to produce an excellent yearbook. Students will learn and develop skills in graphic and layout design, writing, proofreading, photojournalism, computer, advertising design, and ad sales. Students will learn and demonstrate the values of diligence, responsibility, accountability, commitment, working with deadlines, and teamwork in producing a quality yearbook. Students will learn how to bring glory to Jesus through using and refining the interests and abilities that God has given them.

**Graphic Design****1.00 Credit***Prerequisite: None*

Students will first learn basic color theory and color schemes in conjunction with the elements and principles of design. Once an understanding of these basics is complete, students will begin learning the mechanics of the programs Photoshop and Illustrator. Students will then explore specific design and creative practices in the digital art and design world.



Most importantly, this class will support students as they hone their skills as a poet, storyteller, author, or whatever path they choose as a writer. This course is a fine arts elective.

**Journalism****0.5 Credit***Prerequisite: None*

Journalism is the ideal place for students interested in print, broadcast, media production, and photojournalism. While creating original pieces, students in this course will be given the opportunity to use a variety of writing techniques and structures. Students will also experiment with computer generated layouts and graphic design. Any student looking for a supportive environment, to explore and share their interests, will thrive in this course. This course is a fine arts elective.

**Theater Arts****0.50 Credit***Prerequisite: None*

Theater Arts is an introduction to the theatre. Students will become acquainted with the history of the theatre, various significant plays, elements of the stage, and production basics. Students will be expected to demonstrate a deeper understanding of the theater through both written and verbal interpretation. Class requirements also include limited performance work and a final project demonstrating skills and knowledge applied in this course.

**Creative Writing****0.5 Credit***Prerequisite: None*

Creative writing is a course that is designed to give the student the opportunity to think and write creatively. At its best, writing has the power to explain, heal, excite, encourage, inspire, and make the world a better place. With this in mind, students will experiment with using the written word through a guided exploration of the writing process, journal writing, poetry, graphic novels, storytelling, and nonfiction writing.

**Public Speaking/ Debate****0.5 Credit***Prerequisite: None*

Debate is designed to develop a student's ability to support and present logical, researched arguments. Students will learn the standards of debate and practice structured impromptu and extemporaneous speeches with emphasis on verbal and nonverbal delivery skills (organization, projection, inflection, eye-contact, hand gestures, and more). Debate is designed to develop a student's ability to support and present logical, researched arguments. Students will learn the standards of debate and valuable skills in order to defend their faith. This course is a fine arts elective.





# CAREER EDUCATION

## Career Internship

**1.00 Credit**

*Prerequisite: 12<sup>th</sup> grade*

Career Internship is an elective course that offers a unique opportunity for Northside Christian Academy seniors. Seniors are placed in a private or public work setting where they have a career interest. Students have the opportunity to work side-by-side with professionals in the work force learning the activities and skill sets that are necessary for the specific career, as well as practicing and understanding competencies they will need in order to be successful in the workplace. Students who complete this course will exit knowing:

- The type of post-secondary education/training required in their career field
- Professionally relevant competencies in their specific professional setting
- Workplace professionalism and ethics

Students must apply and be accepted to the Career Exploration Internship program.

Students will be evaluated by the internship mentor. The goals of this experience are:

- Students will be knowledgeable about the world of work, explore career options, and relate personal skills, aptitudes and abilities to future career decisions;
- Students will demonstrate how academic knowledge and skills are applied in the workplace;
- Students will demonstrate the foundation skills and competencies essential for success in the workplace.

## Teacher's Aide (T.A.)

**1.00 Credit**

*Prerequisite: 11<sup>th</sup> or 12<sup>th</sup> grade*

A Teacher's Aide will have the ability to gain an experimental learning opportunity that will further develop mentoring relationships offered as an elective for high school credit. Students must apply and be accepted to the Teacher's Aide program.

All 11<sup>th</sup> and 12<sup>th</sup> graders must be current on all credits, on track for high school graduation, and maintain a GPA of 3.0 or higher. Students will need to have a strong work ethic in order to meet the needs of the students and teachers. Prior to the beginning of a student aide experience, students must attend an orientation provided by the school. Students will be evaluated based on work quality, time management, dependability, work ethic, and spiritual influence.

## Entrepreneurship

**0.50 Credit**

*Prerequisite: None*

This class will challenge students who are considering owning their own business, but will also be helpful to those who want to have a future in any field of business. This will be a wide-ranging study and will help students understand that entrepreneurship involves solving problems for consumers. Students will examine what it means to be an entrepreneur, the risks and benefits of it, and common traits of successful entrepreneurs. Students will also learn how to brainstorm, research, develop, market, launch, and manage a business. Topics will also cover legal/regulatory and financial issues. The course will be project-based and will also include guest lectures from several local business people. Throughout the course students will work in teams to effectively start a mock business. Students will study the lives and careers of famous historical American entrepreneurs. We will also reinforce a biblical worldview by utilizing many biblical proverbs and discussing what it means to be an authentic Christian business person in a fallen and often treacherous world.

**Personal Finance****0.50 Credit***Prerequisite: none*

Foundations in Personal Finance is a one-semester course that meets students where they are in life so they can start making good money management decisions from day one. This course by Dave Ramsey and his daughter Rachel cover things like saving and budgeting for things like a first car and college, to the fun aspects of investing.

Students will also learn about resume building, career options, negotiation, insurance, and taxes. Led by an instructor, this course uses video, online blended learning and a workbook. Using God's word and the principals that it teaches about hard work and discipline, this course is designed to make sure students are ready for life after high school. This is an elective course. This is a required elective for all 2027 graduates and beyond.

**Academic Team****1.00 Credit***Prerequisite: none*

Academic Team at NCA is a year-long elective offered to students who seek an intellectual challenge, personal growth, and the benefits of team membership. Participation in team events (Mock Trial, Quiz Bowl, Math and Literary Meets, etc.) throughout the year are mandatory. Attendance, participation, positive attitude and support for team members are used for student assessment. Students should monitor their calendars carefully to avoid scheduling conflicts. Participants develop academic professional skills and knowledge beyond the classroom and practice team building and cooperative planning, build friendships and camaraderie with classmates, and interact with motivated and positive students from other schools.

# DIPLOMA OPTIONS

## Graduation requirements for a Standard Diploma

Subject Area	Credits Required
<b>Bible</b>	4 (or 1 credit for every year at NCA)
<b>English</b>	4
<b>Math</b>	4
<b>Science</b>	3
<b>Social Studies</b>	3
<b>PE</b>	1
<b>Foreign Language</b>	2
<b>Technology</b>	1
<b>Fine Arts</b>	1
<b>Academic Electives</b>	2
*Personal finance is required	
<b>Spring Term</b>	1 (or .25 credit for every year at NCA)
<b>Community Service</b>	Required every year in attendance at NCA
<b>Total</b>	26

## Graduation Requirements for an Honors Diploma

Subject Area	Credits Required
<b>Bible</b>	4 (or 1 credit for every year at NCA)
<b>English</b>	4/5
<b>Math</b>	4/5
<b>Science</b>	3/4
<b>Social Studies</b>	3
<b>PE</b>	1
<b>Foreign Language</b>	3
<b>Technology</b>	1
<b>Fine Arts</b>	1
<b>Academic Electives</b>	2 *Personal finance is required
<b>Spring Term</b>	1 (or .25 credit for every year at NCA)
<b>Community Service</b>	Required every year in attendance at NCA
<b>Total</b>	28

### Must have:

- 9 AP or Honors classes
- 3.9 weighted GPA
- 3 Foreign Language credits
- 1 extra English/Math/Science or a Dual Enrollment class
- Must be in good standing

## Graduation Requirements

Content Area	NCA College Prep Diploma	NCA Honors Distinction Diploma	Course Listing
Bible	4 Credits (1 credit for every year at NCA)	4 Credits (1 credit for every year at NCA)	Foundations of Faith Spiritual Formation/Leadership, Evangelism & Discipleship Life of Christ/Philosophy & Theology
English	4 Credits (1 credit per grade level)	4 or 5 Credits (1 credit per grade level)	English 1 CP or Honors English 2 CP or Honors English 3 CP or Honors English 4 CP or Honors AP Language AP English Literature & Composition Dual Enrollment ENG 101
Mathematics	4 Credits (Alg. 1, Alg. 2, Geometry and one higher level math)	4 or 5 Credits (Alg. 1, Alg. 2, Geometry and one or two higher level math)	Algebra 1 CP or Honors Geometry CP or Honors Algebra 2 CP or Honors Algebra 3/Trig CP Probability & Statistics CP Pre-Calculus Honors Calculus Honors AP Calculus AB
Science	3 Lab Sciences (must include Biology, Chemistry and an additional lab science)	3 or 4 Credits (must include Biology, Chemistry and one or two additional lab sciences)	Biology 1 CP or Honors Chemistry 1 CP or Honors Biology 2 CP or Honors Chemistry 2 Honors Physics Honors AP Chemistry
Social Studies	3 Credits (must include World History, US History, American Gov't/ Economics)	3 Credits (must include World History, US History, American Gov't/ Economics)	
PE	1 Credit	1 Credit	Physical Education
Foreign Lang	2 Credits	3 Credits	Must be the same language
Technology	1 Credit	1 Credit	Fundamentals of Computing Web Design Introduction to Robotics
Fine Arts	1 Credit	1 Credit	
Electives	2 Academic Elective Credits	2 Academic Elective Credits	*Personal finance is required
Spring Term	Required for every year in attendance at NCA (.25 credits earned per year)	Required for every year in attendance at NCA (.25 credits earned per year)	
Community Service	Required for every year in attendance at NCA	Required for every year in attendance at NCA	9th grade - 10 hours    10th grade - 12 hours 11th grade - 14 hours 12th grade - 16 hours
Total Credits:			<b>Honors Diploma Requirements</b>
Graduates	26	28	Must have 9 Honors/AP classes, weighted 3.9 GPA, 3 Foreign Language credits (must be same language), 1 extra English, Math, or Science (lab) credit or 1 Dual Enrollment class, and student must be in good standing.

\*AP classes taught online through Sevenstar

Bible (4.0 credits required/one year of Bible every year at NCA)

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\_\_\_\_\_

Dual Enrollment (Optional)

\_\_\_\_\_

\_\_\_\_\_

English (4.0 Credits required)

English I \_\_\_\_\_CP \_\_\_\_\_Honors

English II \_\_\_\_\_CP \_\_\_\_\_Honors

English III \_\_\_\_\_CP \_\_\_\_\_Honors

English IV \_\_\_\_\_CP \_\_\_\_\_Honors

\*AP English Language \_\_\_\_\_

\*AP English Literature \_\_\_\_\_

Dual Enrollment \_\_\_\_\_

Foreign Language (2.0 credit required)

\_\_\_\_\_ Spanish I CP

\_\_\_\_\_ Spanish II CP \_\_\_\_\_ Honors

\_\_\_\_\_ Spanish III CP \_\_\_\_\_ Honors

\_\_\_\_\_ French I CP

Mathematics (4.0 credits required)

Algebra I \_\_\_\_\_CP \_\_\_\_\_Honors

Algebra II \_\_\_\_\_CP \_\_\_\_\_Honors

Geometry \_\_\_\_\_CP \_\_\_\_\_Honors

Algebra III \_\_\_\_\_CP

Pre-Calculus \_\_\_\_\_ Honors

Calculus \_\_\_\_\_ Honors

\*AP Calculus \_\_\_\_\_

\*AP Statistics \_\_\_\_\_

\*Dual Enrollment \_\_\_\_\_

Science (3.0 credits required) Biology I

\_\_\_\_\_CP \_\_\_\_\_Honors Biology II

\_\_\_\_\_CP \_\_\_\_\_Honors Chemistry I

\_\_\_\_\_CP \_\_\_\_\_Honors Chemistry II

\_\_\_\_\_CP \_\_\_\_\_Honors AP Chemistry \_\_\_\_\_

Physics \_\_\_\_\_Honors

\*AP Biology \_\_\_\_\_

Social Studies (3.0 credits required)

\_\_\_\_\_ American Government (CP)

\_\_\_\_\_ World History (CP)

\_\_\_\_\_ Economics (CP)

\_\_\_\_\_ United States History (CP)

\_\_\_\_\_ Cold War History (0.5 credit) (CP)

\_\_\_\_\_ History of the Holocaust (0.5 credit) (CP)

\_\_\_\_\_ \*AP World History

\_\_\_\_\_ \*AP US History

\_\_\_\_\_ \*AP Macro or Micro Economics

\_\_\_\_\_ \*AP Government

Technology (1.0 credit required)

\_\_\_\_\_ Fundamentals of Computing (CP)

\_\_\_\_\_ \*AP Computer Science

\_\_\_\_\_ Intro to Robotic Systems

\_\_\_\_\_ Web Design/Development

Physical Education (1.0 credit required)

\_\_\_\_\_ PE

\_\_\_\_\_ Athletic Fitness I & II (CP)

\_\_\_\_\_ Athletic Fitness III & IV (CP)

\_\_\_\_\_ Strength and Conditioning (CP)

Fine Art (1.0 credit required)

\_\_\_\_\_ Art Studio I (CP)

\_\_\_\_\_ Art Studio II (CP)

\_\_\_\_\_ Advanced Art (CP)

\_\_\_\_\_ \*AP Art History

\_\_\_\_\_ Creative Writing (0.5 credit) (CP)

\_\_\_\_\_ Journalism (0.5 credit) (CP)

\_\_\_\_\_ Public Speaking/Debate (0.5 credit) (CP)

\_\_\_\_\_ Graphic Design (1.00 credit) (CP)

\_\_\_\_\_ Yearbook (1.00 credit) (CP)

\_\_\_\_\_ Theater Arts (0.5 credit) (CP)

\_\_\_\_\_ Choir (1.00 credit) (CP)

\_\_\_\_\_ Worship Arts (1.00 credit) (HN)

Electives (2.0 credits min. requirement)

\_\_\_\_\_ Precept Bible Study (CP)

\_\_\_\_\_ Teacher's Aide (CP)

\_\_\_\_\_ Internship (CP)

\_\_\_\_\_ Personal Finance (0.5 credit) (CP)\*

\_\_\_\_\_ Environmental Science (0.5 credit) (CP)

\_\_\_\_\_ Marine Biology (0.5 credit) (CP)

\_\_\_\_\_ Cold War History (0.5 credit) (CP)

\_\_\_\_\_ History of the Holocaust (0.5 credit) (CP)

\_\_\_\_\_ Intro to Engineering (0.5 credit) (CP)

\_\_\_\_\_ Entrepreneurship (0.5 credit) (CP)

\_\_\_\_\_ Academic Team (1.00 credit) (CP)

\*Beginning with the 2027 graduates Personal Finance is now a required part of graduation.

# ACADEMICS

## GRADING SCALE (K – Grade 12)

Progress grades are noted on report cards for behaviors and habits, Kindergarten-Grade 12. They are also used for enrichment courses such as music, art, computer, physical education, and electives. Kindergarten and 1st grade students receive these grades in Handwriting also. Numeric grades are noted on report cards for academic subjects. Teachers are to note letter grades on all tests, quizzes, reports, and projects.

## Grading Scale (Grades K and higher)

A	90-100
B	80-89
C	70-79
D	60-69
F	59 or below

## REPORTS CARDS/GRADE REPORTS

Academy students receive report cards every nine weeks. Progress reports will be available online, emailed and/or sent home during the nine-week grading period. Report cards and cumulative records will be held if your account balance is not current.

## UPPER SCHOOL CLASS WITHDRAWAL POLICY

In order to drop/add a class, a student must have approval from administration within the first 7 days of the class. A drop/add form must be obtained from the Upper School office. The form must be completed with parent signature prior to administration approval.

## NATIONAL HONOR SOCIETY (NHS)

Membership in this chapter is an honor bestowed upon deserving students by the faculty and shall be based on the criteria of Scholarship, Service, Leadership, and Character.

Eligibility:

1. Candidates eligible for selection to this chapter must be members of the Sophomore, Junior, or Senior class.
2. To be eligible for selection to membership in this chapter, the candidate must have been in attendance for a period of one semester at Northside Christian Academy.
3. Candidates eligible for selection shall have a minimum cumulative weighted GPA of 4.5 or above.
4. This scholastic level of achievement shall remain fixed, and shall be the required minimum scholastic level of achievement for admission to candidacy. Students who can rise in scholarship to or above such standard may be admitted to candidacy for selection to membership.
5. Upon meeting the grade level, attendance, and academic standard requirements, candidates shall then be considered based on their service, leadership, and character.

Membership Responsibilities include:

- Attendance at meetings: Meetings will be held once a month. Attendance is mandatory for all members excluding extenuating circumstances (illness, etc.).
- 10 hours of community service to be turned in at the end of the academic year: These 10 hours are to be above and beyond the requisite hours for Bible class.

- Group service: Attendance and participation in at least one chapter-organized service project is required.
- Dues: \$20 will be collected each fall for chapter projects, supplies, etc.
- Status: Students are expected to uphold all standards under which the member has been selected.

NCA By-laws Regarding Maintaining Membership:

Section 1. Any member who falls below the standards of scholarship, leadership, character, or service may be dismissed from the Northside chapter of the National Honor Society. A member of the National Honor Society is expected to maintain his/her academic standing, take an active role in service and leadership to his/her school and community, and fulfill the guidelines explained in the list above.

Section 2. If a member's cumulative grade average falls below the standard in effect when he was selected, he /she will be given a written warning and one academic quarter for improvement. If the cumulative grade average remains below standard at the end of the warning period the student will be subject to further disciplinary action by the Faculty Council that may include dismissal from the chapter. Academic qualifications will be evaluated for each active member at the end of each academic quarter.

Section 3. Violation of the law or school regulations can result in dismissal of a member. These violations include, but are not limited to, DUI, stealing, destruction of property, cheating, truancy, or possession, selling, or being under the influence of drugs or alcohol at school or school related activities.

Section 4. Families of offenders of the school conduct code (such as use of profanity, cyber-bullying, failure to comply, unexcused absences, excessive tardiness, etc.) will receive school communication via FACTS and a warning notification from NCA's National Honor Society faculty council. A conference may be requested by either party (a parent or the faculty council). If the member is involved in another violation of the school conduct code, the member may be dismissed.

Section 5. In all cases of pending dismissal, the guidelines set by the official NHS national organization's handbook will be followed.

#### DUAL ENROLLMENT PROGRAMS

Dual Enrollment programs provide opportunities for NCA Juniors and Seniors to take college-level courses and earn concurrent credit toward a high school diploma and a college degree while in high school. All Dual enrollment classes may be taken online at NCA's campus, or at a pre-approved college campus. Students will have a scheduled class period during the day where they will work on their dual enrollment class assignments and will be supervised by an NCA faculty member. Parents are responsible for tuition, books, laptops (if required) and other applicable fees.

The following criteria must be met for Dual Enrollment:

- Students must be a Junior or Senior.
- Students must meet Dual Enrollment requirements determined by the accredited college or university to which the student is applying for courses. This includes taking the SAT/ACT/COMPASS test and meeting the minimum scores determined by the accredited college or university.
- Acceptance by NCA Administration for participation.
- A signed student and parent Dual Enrollment agreement allowing NCA the ability to monitor grades from online classes.



### Advanced Placement (AP) PROGRAMS

Advanced Placement (AP) classes are offered online through SevenStar and on-campus with NCA. This provides opportunities for NCA Juniors and Seniors to take college-level courses and earn concurrent credit toward a high school diploma and ability to exempt a college course with qualifying score. All AP classes will be taken online at NCA's campus. Students will have a scheduled class period during the day where they will work on their AP class assignments and will be supervised by an NCA faculty member. Parents are responsible for tuition, books, laptops and other applicable fees including the AP exam fee. The exam will be proctored at NCA. The following criteria must be met for Advanced Placement:

- Students must be a Sophomore, Junior or Senior.
- Students must meet AP requirements determined by SevenStar and NCA.
- Acceptance by NCA Administration for participation.
- A signed student and parent AP agreement allowing NCA the ability to monitor grades.

### RETENTION POLICY

Upper School students in 6th-12th grade must pass the five (5) core subjects (Math, Science, English, History and Bible) in order to be promoted to the next grade level. Students in grades 9 through 12 must pass English and Math to remain on track for graduation in four years. Any student that must repeat a course must meet with administration to determine eligibility to return the following year.

Students who fail any NCA required course must attend a summer school program or complete a credit recovery course to receive credit for the failed course in order to continue to the next grade level. NCA does not offer summer school, however, the guidance department keeps a list of schools and online programs that offer approved summer school and credit recovery courses. Once the student completes the summer school course and/or credit recovery course, they must have an official record of their grade sent to NCA to be included on their transcript. If a student does not pass a credit recovery course in the summer, they must retake the course at NCA the next school year to receive credit for graduation.

### ACADEMIC PROBATION

Students' grades are reviewed by the school Principal, Guidance Department, and administration at each quarter. Any students with a failing grade on two consecutive quarters will be placed on academic probation. A contract will be written for the student to follow guidelines during their probationary period, including but not limited to: requirements for attending after school help sessions; additional outside tutoring; summer math tutoring; summer school. If a student continues to fall below grade level after the interventions included in the contract and Northside Christian Academy is not equipped to meet the student's specific academic needs, the student may be asked to seek another educational institution that is better equipped to meet his needs.

### ACADEMIC INTEGRITY: CHEATING

NCA expects all students to complete their own work. Copying or cheating will result in a phone call to the parents, and a zero on the assignment for students involved. Copying or cheating may result in detention, in or out of school suspension, or expulsion. Talking, using a cellphone or calculator during a test without permission may have the same penalties as cheating.

Cheating harms the evaluation process and includes the following:

- Communication during a test or quiz by talking or signaling.

- Having notes/answers visible during an assessment.
- Unauthorized collaboration during an assessment.
- Unauthorized use of notes or books on tests and quizzes.
- Working with another on assignments when independent work is required.
- Copying someone else's homework answers.
- Academic dishonesty will result in a minimum of 50% off the grade for the assignment and further disciplinary action.

### PLAGIARISM

Plagiarism is the stealing of the thoughts, words, and/or ideas of another person and professing them to be one's own. Plagiarism may involve copying directly from an encyclopedia, book, Internet source, or any other written or auditory source. It may also involve using the ideas of another person without properly crediting them.

If a student is found to turn in work that is in essence not their own, but "borrowed" from another source without proper citation, they will be considered guilty of plagiarism. Should a student intentionally choose to plagiarize any portion of an essay or other form of writing assignment, this will be considered academic dishonesty and will result in a minimum of 50% off the grade for the assignment and further disciplinary action. All plagiarism cases will be reviewed by the Administration.

At the Upper School level, any student guilty of plagiarism will receive a zero on the suspect assignment and will be required to re-do the assignment to the teacher's satisfaction. The two (2) grades will be averaged for a final grade on the plagiarized assignment. A second offense will lead to more severe discipline and possible expulsion.

### UPPER SCHOOL HOMEWORK PHILOSOPHY (Grades 6<sup>th</sup> and higher)

Homework in the Upper School is a vital part of the academic program. The purpose of homework is to review, practice, expand, and enrich concepts that have been introduced in the classroom. Homework promotes responsibility and discipline in preparation for the rigorous college curriculum.

Homework assignments for all grades should be turned in on time. Homework is due the next day after assigned. Homework turned in one (1) day late will receive a 15% reduction in grade. Failure to turn in an assignment on the second day results in a zero. Homework percentages will be included on each teacher's syllabus. If questions concerning homework arise, please contact the academic teacher for that particular class.

### MAKE UP WORK/REQUEST FOR ASSIGNMENTS

A student with an absence will be responsible for making up missed work. Students will be given a total number of days to turn in his work equal to the number of days absent plus one. Remember that it is the student's responsibility to see that the work is done before the deadline expires. Any assignment given before the student was absent will be due the day the student returns.

Parents may view current and missing assignments through ParentsWeb or contact their child's teacher via email for more information or to arrange for pick-up of necessary materials. Please do not contact the office for these types of requests.

# COLLABORATION

## PARENT/TEACHER CONFERENCES

Parents are encouraged to have regular conferences with their child's teacher. While a brief visit at the end of the day can answer routine questions, an eye-to-eye scheduled conference with your student's teacher is the best way to communicate concerning academic performance, behavior, or any area of major concern. Popping into the classroom expecting the teacher to have a conference is unrealistic and does not ensure uninterrupted time with the teacher. Such meetings also prevent teachers from adequately supervising the students in the class.

To be considerate of the teacher's and student's class time, please schedule an appointment by contacting your child's teacher via his/her school email or ParentsWeb. An appointment will ensure that you will have uninterrupted time with the teacher in privacy and allows the teacher time to gather all information that he/she needs. Most teachers will be able to see you within a few days of your request.

In the Lower School, teachers in grades Kindergarten through 5<sup>th</sup> will contact all parents during the first grading period. Teachers may contact parents to schedule appointments for the Parent/Teacher Conference week in the fall if necessary.

## GRIEVANCE PROCEDURE

Occasionally there may be questions, problems, or grievances that arise. It is our policy to follow the Matthew 18:15-17 principle. The faculty and administration of NCA want to help you resolve any issue that may arise. Please follow the guidelines below:

1. Bring any and all questions and criticisms to the person most directly involved. If there are questions or concerns about a specific classroom action or procedure, contact the appropriate teacher and submit the grievance form available in the Parent Portal online. Parents can turn the grievance form into NCA's Admissions Coordinator.
2. If a satisfactory conclusion is not reached, contact the appropriate Principal.
3. If the matter is not resolved, request a meeting with the Head of School.

The guidelines and policies of NCA have been established to insure a peaceable, God honoring Christian school environment for students, faculty, and families. The faculty and administration of Northside are intent on helping you resolve any concern you may have. However, we must have your assistance in accomplishing this goal. The problem will go unresolved if the parent or student voices their complaint to individuals other than the appropriate faculty or administration. Actions such as these do not follow the above stated scriptural principles and could potentially cause harm to relationships and one's personal testimony. These actions may result in dismissal from NCA. Our goal is to honor God in all we do, including honoring one another in word and deed. Your cooperation is paramount to the success of the ministry of NCA.

## ANTI-HARASSMENT POLCY

The policy of NCA is to provide an academic environment free from harassment, whether based on sex

(gender), race, color, national or ethnic origin, age or disability and one in which all individuals treat each other with dignity and respect; free from all forms of intimidation, exploitation and harassment, including sexual harassment. The school includes in the definition of harassment; bullying. The academy is prepared to take action to prevent and correct any violations of this policy.

#### VALIDATING TRANSFER CREDITS

Transfer credits from regionally or state accredited schools shall be accepted. Transfer credits from other sources shall be accepted according to the following procedures: administration of a validating examination and/or conditional enrollment based upon satisfactory completion and performance within specified subject area(s). Course credits from a non-accredited school shall be accepted only when validating by examination or by scholastic performance.

#### CORRESPONDANCE COURSES AND INDIVIDUALIZED STUDY

Correspondence courses, summer courses and/or individualized study shall not be accepted for credit. However, individual student transcripts shall be reviewed by the administrative staff to ensure that the minimum ACSI and the state of South Carolina standards have been met.

#### STANDARD FOR VALEDICTORIAN AND SALUTATORIAN

The following will be used to determine the Valedictorian and the Salutatorian for each graduating class:

- Valedictorian and Salutatorian are not based solely on academics. A student can be removed from consideration for this award based on the conduct, attitude, or testimony of the student or family member that is not compatible with the values of Northside Christian Academy.
- All High School credit courses taken by the student in grades 8 through 12 will be calculated up to a total of 5 classes/credits per core subject area.
- The announcement of Valedictorian and Salutatorian will be based upon the student standing after seven (7) semesters of high school. A student must be enrolled at NCA for a minimum of five (5), consecutive semesters prior to this announcement to qualify for these honors.
- Daily Electives are required and will not receive honors credit.
- Valedictorian and Salutatorian will be calculated with GPA using one (1) credit from PE, Fine Arts, Computer Applications.
- Any credits transferred into the school will be calculated on NCA's grading scale and applied toward the cumulative grade point average.
- Calculation will occur the end of the 1<sup>st</sup> semester of the student's senior year.
- In the event of a tie, NCA will recognize Co-Valedictorian/Salutatorian and a third student will be included in the considerations. A tie is defined as a numeric difference of .005.
- In the event that a student's academic performance severely declines during the 8<sup>th</sup> semester (Spring semester of Senior year), then the school will reserve the right to name an alternate Valedictorian and/or Salutatorian.
- Student must be an NCA honors graduate.

#### STANDARDS FOR MARSHALS

A student must be enrolled at NCA for four (4) consecutive semesters and also enrolled at NCA for the Senior year to be considered an eligible candidate for Junior Marshal. Class rank is determined by weighted grade point average. In the case of a tie in weighted GPA, then unweighted GPA will be used. In the case of a tie in unweighted GPA, then numeric average will be used to determine rank.

### COMMUNITY SERVICE REQUIREMENTS – UPPER SCHOOL (Grades 6<sup>th</sup> and higher)

Since Northside Christian Academy seeks to instill a sense of commitment to serving others, students are required to complete community service hours outside of the school year each year. Students in grades 6<sup>th</sup> and higher are required to complete community service hours each year. These community service hours will be tracked and reported through their Bible teacher by the fourth quarter. Students will use the Community Service documentation form available on our website or obtained from their Guidance Counselor. The following are the number of hours required for each grade level:

- Grades 6 – 8: 8 hours
- Freshman: 10 hours
- Sophomores: 12 hours
- Juniors: 14 hours
- Seniors: 16 hours

Other information regarding earning community service hours:

- The maximum summer mission trips/service project hours that a student may submit for approval toward their annual service requirement is half the total required.
- School clubs and organizations may conduct service projects in which students may receive credit for that club and for the service program.
- Students may participate in service projects for their church or for any nonprofit organization.
- Supervisor's names and phone numbers are required on the documentation form.
- Students may not be monetarily compensated at any time for the projects.
- ALL COMMUNITY HOURS MUST BE COMPLETED AND SUBMITTED TO THE STUDENTS BIBLE TEACHER NO LATER THAN THE 3<sup>rd</sup> FRIDAY IN MAY. Any student exceeding the community service hour requirement by 10 hours or more will be recognized at graduation with a service cord.
- Students are expected to complete a variety of service activities (two or more).
- Community service hours cannot be earned on Sundays.
- Any student exceeding 100 hours of community service will be recognized at graduation with a service cord.