

Tipton Christian Academy

Course Catalog 2023-2024

Bible

Freshman Bible (1 Credit)

The Freshman Bible course is an introduction to the core beliefs of Christianity. The 9th grade will focus on theology. Students will study the defining theological truths upon which all Christians agree and will learn how that knowledge impacts every area of life. Students will also be introduced to hermeneutics, learning how to read and study the Bible.

Sophomore Bible (1 Credit)

The Sophomore Bible Class will dive deeper into some of the major objections to Christianity or beginning apologetics. Students will be taught that the goal of apologetics is not to win arguments, but to remove barriers that people have in putting their trust in Jesus. Students will learn to present a reasonable defense of Christianity while remaining in an attitude of gentleness and respect as called for in 1 Peter 3:15.

Junior Bible (1 Credit)

The Junior Bible Class will focus on developing a solid grasp of the essentials of a Christian worldview. Students will learn to answer confidently when confronted with common objections to the Christian faith.

Senior Bible (1 Credit)

Senior Bible is an introduction to the six dominant worldviews of our age, specifically focusing on ten key academic disciplines. By the end of the course, students will recognize the patterns of ideas and see how Christian thought stands out among all the competing voices.

Science

Biology (1 Credit)

In this class, students will embark on a fun and fascinating journey in the study of living things with their unique characteristics and remarkable diversity. From the complex workings of the cell to the beauty and balance of nature, students will see the evidence of a mighty Creator as we integrate Biblical truth into all major areas of Biology.

Chemistry (1 credit)

Chemistry is the study of matter: what it is composed of, its properties and how they interact, and how they can be used to create new substances. Students will study and learn about these interactions in a hands-on lab environment. The course will also continue to encourage scientific thinking and writing.

Anatomy and Physiology (1 credit)

Students will study the structure and function of the human body including cells, tissues, and organs of the following systems: integumentary, skeletal, muscular, nervous and special senses, endocrine, cardiovascular, respiratory, digestive, urinary and reproductive. Emphasis is on interrelationships among systems and regulation of physiological functions involved in maintaining homeostasis. In addition, this class will encourage students to develop reading and studying strategies as well as higher order thinking skills that will prepare them for college courses.

Literature

Literature 9 (1 credit)

In this course, students will gain exposure to notable authors in various formats such as short stories, novels, and poetry. Through the reading selections, students will learn to identify elements of literature, express and explain responses to literature, interpret and analyze fiction and nonfiction text, and improve reading proficiency and vocabulary. Students will develop and then refine writing skills with a focus on the five-paragraph essay relevant to quarterly novel studies. In conjunction with writing, students will learn and implement MLA citation. Students will implement grammar and mechanics and academic vocabulary through a grammar series and student writing.

World Literature (1 credit)

This course examines the relationship between literature, culture, and historical events in different regions of the world. Through literary analysis, students explore the effects of culture upon literature by examining various genres from around the globe. Students will conduct research, analysis, and exposition on multiple works, including poetry, short fiction, novel, and dramatic literature. Students will apply understanding through writing with appropriate MLA citations, academic vocabulary, and speaking. Students will continue to develop writing and mechanics skills through a grammar series.

American Literature (1 credit)

In a thorough examination of literature from the early Native American period to post-World War II, students will enhance their knowledge of American history, increase their appreciation for American culture, and refine their writing and speaking skills. Students will continue to read and critically analyze the literary selections. Students will continue developing research skills and applying MLA citations. Additionally, students will continue to develop academic vocabulary and refine grammar skills.

British Literature (1 credit)

The course is a chronological study of selected readings beginning with the Anglo-Saxon period and ending with selections from the Victorian Era. Students are required to read and critically analyze the literary selections, but, more importantly, to respond to those works in expository, analytical, and argumentative writing and speaking. Students are to adhere to advanced writing practices, demonstrating mastery of organization. Additionally, students will continue to implement academic writing, vocabulary, and grammar.

ACT Prep-(.5 Credit)

This ACT preparatory course builds students' content knowledge of ACT English and Reading. Students receive in-depth insight into the main testing categories of both tests as well as academic vocabulary. While systematically targeting ACT standards, the course implements daily testing practice by focusing on one passage at a time. Within each practice passage, students learn to justify answers and how to recognize wrong answers.

Fine Arts

Art (.5 credit)

We are faith-filled creations who enthusiastically encourage each other to persist artistically to add beauty to the world! Using the elements of art as a vehicle to sharpen the students' foundation in art, we journey to a more practical application of using art to communicate through visual media. Focusing on graphic design and photography in the second semester allows the students an opportunity to apply what they've learned about line, shape, color, value, space, and texture. We explore famous artists' pieces and put their work into the context of the time in which they were living while at the same time seeking ways to express ourselves positively as a reflection of our time. Students are expected to create master copies of the work of artists we study as well as apply those techniques to their own creative process.

Music (.5 credit)

High school music is designed to expose students to multiple aspects of music education. Genre studies, careers in music, and music history are just some of the many avenues of music studied. Students also learn how to utilize technology such as GarageBand and Anchor in creating music and podcasts.

Foreign Language

Spanish 1 (credit)

An innovative and engaging approach to help students not only learn about Spanish but learn to communicate at a novice-high level. Students will be presented with vocabulary and grammar within the context of the subject. Students will develop basic Spanish communication skills, learn to share the gospel, and study Spanish speaking countries around the world.

Spanish 11 (1 credit)

Students will continue a cultural adventure and strengthen their foundations in Spanish communication. They will explore the Spanish language thematically as they follow the journey of eight characters from Spanish-speaking countries who are learning about their culture and history. The program offers regular opportunities for practice and application as well as opportunities to use the language in conversation and in written responses to biblical worldview shaping themes.

Mathematics

Algebra I (1 credit)

Algebra I develop an understanding of algebra by justifying methods and by explaining how to solve problems. Concepts discussed include graphing, solving systems of equations, operations with polynomials and radicals, factoring polynomials, solving rational equations, and graphing quadratic functions.

Geometry (1 credit)

This course is designed to emphasize the study of the properties and applications of common geometric figures in two and three dimensions. It includes the study of transformations and right triangle trigonometry. Inductive and deductive thinking skills are used in problem-solving situations, and applications to the real world are stressed. It also emphasizes writing proofs to solve (prove) properties of geometric figures.

Algebra II (1 credit)

Algebra II is the study of linear equations, inequalities, graphs, matrices, polynomials, and radical expressions. Students will also learn to use quadratic equations, functions, and exponential and logarithmic expressions in order to solve algebraic equations. Course material and discussion will also cover sequences and series, as well as probability and its role in algebra. Students will also be exposed to trigonometry.

Pre-Calculus (1 credit)

Precalculus will cover algebraic and trigonometric ideals with the goal of readying students for Calculus and other upper-level math. In order to do this, the course will seek to go more in-depth into higher-level algebraic concepts, expanding on previous knowledge. Furthermore, the course will look to introduce trigonometric expressions and connect them to the rest of the higher-level math.

ACT Prep-Math (.5 credit)

This high school course is an ACT preparatory course designed to build student knowledge in the four major content areas featured on the ACT exam. From these four content areas, students study areas of difficulty in addition to developing academic vocabulary and stronger math skills. Through practice and application, students learn test-taking skills for each specific section of the test.

Personal Finance (.5 credit)

We use a *Consumer Math* textbook from Bob Jones University to help students develop the knowledge and skills they need to successfully handle their personal finances. Topics include developing a budget, filing taxes, and planning a vacation. Stewardship & Scripture features encourage students to view their handling of money in light of scriptural teaching.

Economics (.5 credit)

Students will examine the allocation of scarce resources and consider the economic reasoning used by consumers, producers, savers, investors, workers, and voters. Students will explore the concepts of scarcity, supply and demand, market structures, national economic performance money, the role of financial institutions, economic stabilization, and trade. Finally, students will examine key economic philosophies and economists who have and continue to influence economic decision-making.

Physical Education

Physical Education (.5 credit)

The goal of physical education is to provide a variety of activities through four strands: Health Related Fitness; Individual Fitness; Team Sports; and Basic Coordinating Fundamentals. Each unit within the strand will be designed to teach the basic skills, rules, and strategies necessary to understand and perform a variety of activities.

Health & Wellness (.5 credit)

The goal of our health and wellness course is to teach and implement strategies for achieving great health. Students will learn and develop strategies promoting healthy eating habits, while also understanding the effects our food choices have on our bodies. The students will develop an understanding of the need for exercise and the effects of a sedentary lifestyle. Our course will conclude with a final project developing a new health initiative for the United States.

Social Studies

Cultural Geography (1 credit)

This high school course is a survey of world regions taught in the context of a Christian worldview. Course work includes the study of the culture, geography, and history of individual countries throughout the world. Additionally, students will develop a basic knowledge of map skills and locations of landforms through map labeling.

American History (1 credit)

Students will examine the causes and consequences of the Industrial Revolution and the United States' growing role in world diplomatic relations, including the Spanish- American War and World War I. Students will study the goals and accomplishments of the Progressive movement and the New Deal. Students will also learn about the various factors that led to our nation's entry into World War II, as well as the consequences for American life. Students will explore the causes and course of the Cold War. Students will study the important social, cultural, economic, and political changes that have shaped the modern-day U.S. resulting from the Civil Rights Movement, Cold War, and recent events and trends. Additionally, students will learn about the causes and consequences of contemporary issues impacting the world today.

American Government (.5 credit)

This course prepares students to be informed and empowered citizens who have a biblical perspective of government. It teaches students about our nation, its development over the last four centuries, and its government system. Notable topics of study include the three major branches of government with an emphasis on the Constitution. Students will learn the details of the political system at the national, state, and local levels. Students will have the opportunity to analyze, synthesize, and evaluate primary sources foundational to understanding how the US government should operate.

World History (1 credit)

Students will study the rise of the nation-state in Europe, the origins and consequences of the Industrial Revolution, political reform in Western Europe, imperialism across the world, and the economic and political roots of the modern world. Students will explain the causes and consequences of the great military and economic events of the past century, including the World Wars, Great Depression, Cold War, and Russian and Chinese Revolutions. Students will study the rise of nationalism and the continuing persistence of political, ethnic, and religious conflict in many parts of the world. Students will explore geographic influences on history, with attention to political boundaries that developed with the evolution of nations from 1750 to the present and the subsequent human geographic issues that dominate the global community. Additionally, students will examine aspects of technical geography and how these innovations continuously impact geopolitics in the contemporary world.