

## *Tipton Christian Academy Course Catalog*

### *Bible*

#### **Freshman Bible (1 credit):**

The purpose of the course is to give students a thorough understanding of the overall story of the Bible in chronological order. Students will study many of the key stories of the Old Testament. They will also identify major themes and be able to see how these themes fit into the main story of the Bible. Students will also learn basic hermeneutic principles that will equip them to study the Bible in context and be able to identify the main points as well as applications of different texts.

#### **Sophomore Bible (1 credit):**

Students will continue to practice some of the spiritual disciplines covered by Freshman Bible including, but not limited to, memorizing scripture on a weekly basis. The primary source of curriculum will be the Bible, but will be supplemented with the book, "What's in the Bible?" By R.C. Sproul. Students will study through several missionary biographies to help them grow in their application of the truths they have learned in the course.

#### **Junior Bible (1 credit):**

The goal of the class is to read through the entire New Testament each year. The format of the course is class discussion that tackles hard to understand biblical principles. The class also discusses current affairs and how a Biblical worldview differs from a secular world view. Students will have daily reading and writing assignments to foster growth in theological beliefs.

#### **Senior Bible (1 credit):**

This course builds on the foundations and practices established in Junior Bible. Students will be required to complete a daily reading assignment, as well as participate in monthly topical writing assignments that allow the students to dive deeper into current issues or theological beliefs. Students will engage in class discussions that compare a Biblical worldview and current affairs. This class is taught in conjunction with or in succession of the Junior Bible course.

## *English*

### **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 the students' 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 citation. Additionally, students will continue to develop academic vocabulary and to 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.

## *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 I (1 credit):** This class will be taught in a lab setting utilizing a multidimensional approach to learning to read, write, and speak Spanish. The main focus of the class will be a dynamic immersion course through Rosetta Stone. This will be coupled with lessons and other activities in order to facilitate a language learning environment.

**Spanish II (1 credit):** This course builds on the concepts taught in Spanish II. Utilizing the multidimensional approach found in the Rosetta Stone program, students will focus on using conversational Spanish in speaking, writing, and reading. Attention to fluency and accuracy with the language will be the main goal.

## *Mathematics*

### **Algebra I (1 credit):**

*Algebra I* develops 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, 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 maths. 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 maths.

**Personal Finance (.5 credit):**

This course is based on the financial teachings of Dave Ramsey in his curriculum "Foundations in Personal Finance: High School Edition". Students will study the following core topics such as: saving, budgeting, credit, debit, financial planning, insurance, income, taxes and giving. The goal of this course is to provide students with a Biblical foundation when planning for their future and being fiscally and biblically responsible with the resources God has provided.

**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 and 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 effects of a sedentary lifestyle. Our course will conclude with a final project developing a new health initiative for the United States.

## *Science*

### **Biology (1 credit):**

Biology focuses on 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, the evidence of a mighty Creator will be discussed as Biblical integration occurs into all major areas of Biology. Topics include, but are not limited to, scientific method, basic chemistry, cytology, genetics, biotechnology, classification, microbiology and structure and function of living things. Students will be encouraged to develop reading and studying strategies as well as higher order thinking skills that will prepare them for college courses.

### **Anatomy & Physiology (1 credit):**

In Anatomy and Physiology, 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.

### **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.

## *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 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 (1 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.

## *Other*

**Jr. Seminar (.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. Through practice and application, students learn test-taking skills for each specific section of the test. Students also research college and career opportunities.