

## 11<sup>th</sup> Grade Course Goals

- Bible:** This course will use Level D in the Bob Jones University Press Bible curriculum. The course will focus on the books of the Old Testament, with an emphasis on its thematic elements. The instructor will supplement the textbook with PowerPoint slides. Students will be expected to learn the major themes of the Bible books under consideration. Scripture memorization will be required. The goal of the course is to deepen the student's understanding of the major themes of the Old Testament, divided into three main categories: Prose, Poetry, and Prophecy.
- English III:** Subject matter for eleventh grade English includes writing, grammar, literature and vocabulary. Students will expand their knowledge and skills of grammar, sentence structure and vocabulary. Students will implement these skills through their own writing. Eleventh grade English students will reinforce writing skills by creating the following pieces: research paper; analytical essay; in-class essay; and critical response to literature. Experiencing these forms of writing will enable them to demonstrate their growth as children of God. The course will focus on reading grade level appropriate novels and other forms of American literature to improve comprehension skills; analyzing literature and interpreting literature's meaning; analyzing character development and making inferences about motivation; and comparing and contrasting types of literature. Students will be able to define and identify literary elements (such as setting, point of view, characterization, etc.) and respond to literature on a personal level. Students will utilize the vocabulary within novels. Students will understand the value of language and literature and see the importance of communication.
- U.S. History:** This course is a comprehensive study of United States history, and is intended to give students a solid foundation about the heritage of this country. Studies will reveal God's providence in the shaping of this country. Units covered include: post-Civil War development, the post-World War II era, and the contemporary United States.
- Physics:** Physics will be taught from a Christian perspective as students learn about forces, movement, mechanics, and energy. The course will focus on the foundations of motion, thermodynamics, electricity and magnetism. It will stress a logical problem solving approach to solving problems. Laboratory exercises will be performed to reinforce classroom discussion. In addition, students will recognize that science is a tool to be used under the authority of the Word of God.
- Algebra II:** In Algebra II, students learn mathematical concepts such as number systems, operations, functions, and trigonometry. They will begin to understand and appreciate the perfection of God and his creation, especially His created order in mathematics. In this course, students will develop critical thinking and reasoning skills in problem-solving situations as well as develop speed and accuracy in computation. This course will help equip students as they understand the value of mathematics for their Christian growth and service.
- Health:** In this semester course, students will gain a deeper knowledge of total health: physical, mental, social, and spiritual wellness. This knowledge will lead to a greater appreciation of the human body as a beautiful creation designed by God. The students will be certified in CPR/AED/First Aid.

- Speech: The purpose of this one semester course is to introduce public speaking with the goal of students becoming competent communicators. Students will understand the communication process and improve communication skills. Resumes and the interviewing process will be studied. They will learn to create and perform different styles of speeches including informative, persuasive, narrative, and descriptive speeches.
- Spanish III The primary goal for Spanish III is to teach students to communicate their basic feelings, needs, and desires in most everyday contexts with an understandable accent and reasonable grammatical accuracy, and to bring students to the point where they can freely converse in the language on their own. Students will also become more aware of the world around them and learn to appreciate cultural diversity. Spanish III places an emphasis on reading and translating in Spanish as students advance in their study of the language.
- SAT Prep: In this course, offered August-October, students will strengthen test taking skills in preparation for the SAT. The teacher will discuss the different sections on the SAT, and how colleges use SAT scores in the admissions process. Students will be expected to take the SAT once during 11<sup>th</sup> grade and once during 12<sup>th</sup> grade year.

## 11<sup>th</sup> Grade Curriculum

### English III (BJUP):

#### Approach

Historical

#### Organization

Four major literary divisions: early American literature; American romanticism; American realism and naturalism; modern American literature

#### Content

Early American literature: settlement; religious experience; revolution

American romanticism: Knickerbockers;

New England School; transcendental optimists; transcendental pessimists

American realism and naturalism: regionalists; realists; naturalists; anti-naturalists

Modern American literature: modern poetry; modern prose; short fiction; essay; drama

#### Features

The units are arranged according to major literary periods. The material provided through the unit introductions, headnotes, and timelines enables the student to analyze individual authors and their works in a historical and cultural context. Such analysis serves to broaden the student's world, enabling him to understand the ideas and writings of noted literary and historical figures and to apply biblical criteria when evaluating the beliefs espoused

by such figures. The questions for thought and discussion, which follow the selections, progress

from factual to evaluative and are valuable both for class discussion and for providing students

with an opportunity to develop further literary and moral discernment

### United States History (BJUP):

#### Geography

Influence of physical geography on American history

#### History

Chronological survey of American history from European discovery to the present

#### Government

Structure of American government; the Constitution

#### Economics

Development of free-enterprise system

#### Religion

Contributions of various religions, especially Christianity, to America's heritage

#### Culture

Integration of various facets of American culture; cultural change

### Health (ACSI):

Human anatomy and physiology

Nutrition

Fitness and Exercise

Infectious and Noninfectious Diseases

Mental Health

Social Health

Basic First Aid

Spiritual Health

CPR and the AED

Drugs, Alcohol and Tobacco

### Physics (BJUP):

**Framework:** the Christian worldview in which we do science in obedience to God's commandment to exercise good stewardship over the earth for His glory and for the benefit of our fellow humans; the structure and limitations of science; overview of physics; scientific methodology and modeling; the metric (SI) system of measurement as well as principles of measurement

**Classical Mechanics:** mathematical description of motion in one and two dimensions (kinematics of motion); vectors and scalars in graphical and analytical solutions; forces and the causes of motion according to Newton's laws (dynamics); motion in a plane, including circular motion; motion of multi-body systems; work, energy, and total mechanical energy; conservation of energy and simple machines; momentum and its conservation, collisions, center of mass, and angular momentum; periodic and simple harmonic motion, the pendulum, damped and driven oscillations, and physical waves

**Thermodynamics and Matter:** Kinetic-molecular theory of matter and the states of matter; thermal properties of matter, measuring temperature, and the gas laws; theories of heat, thermal energy, mechanisms for heat transfer; the four laws of thermodynamics; entropy and its consequences; fluid mechanics (hydrostatics and hydrodynamics)

**Electromagnetics:** electrostatics and charges; electric fields and capacitors; current, voltage, resistance, and basic DC circuits; transistor theory; magnetism and its relationship to current and conductors; electromagnetism and alternating currents; AC circuit characteristics

### Bible:

Messages from Prose

Messages from Poetry

Messages from Prophecy

### SAT Prep

Understanding purpose of SAT

General test-taking approaches

Critical Reading Skills

Math Skills

Writing Skills

Essay Writing Skills

### Speech (Dale Carnegie and Institute for Excellence in Writing):

The communication process

Elements of communication

Self confidence

Communicating competently

Resume writing

Interviewing

Introduction to public speaking

Finding and using information

Constructing speeches

Delivering speeches

Informative speech

Persuasive speech

Descriptive speech

Narrative speech



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## **Algebra II (BJUP):**

### **Operations**

Real numbers  
Polynomial operations  
Factoring

### **Linear equations and functions**

Solving equations and inequalities  
Absolute value equations and inequalities  
Compound inequalities  
Graphs

Linear functions  
Slope  
Operations on functions  
Linear inequalities

Distance

Midpoint

### **Matrices**

Organizing Data  
Matrix Operations  
Determinants  
Cramer's Rule  
Solving Systems  
Transformations

### **Quadratic equations and functions**

Factoring  
Completing the Square  
Quadratic formula  
Quadratic inequalities  
Quadratic functions  
Transformations  
Zeros of a function  
Remainder and factor theorem  
Graphing polynomial functions

### **Systems**

Graphing  
Substitution  
Addition Method  
Systems of inequalities  
Linear programming

### **Radical and exponential functions**

Simplification  
Operations  
Equations  
Functions

### **Complex numbers**

Operations  
Solutions to quadratic equations  
Graphs of complex numbers  
Vectors

### **Rational expressions**

Simplifying  
Operations  
Functions and equations  
Direct and indirect variation

### **Trigonometry**

Right triangle trigonometry  
Special triangles  
Radians  
Unit Circle  
Trig functions and graphs  
Amplitude and period

## **Spanish III (Holt McDougal):**

Conjugating –ar, –er, and –ir verbs  
Writing verbs in the present, preterite, future, subjective and conditional tense  
Conjugation of regular, irregular and Stem-changing verbs  
Reading and translating conversations  
Researching and presenting cultural facts over many different Spanish-speaking countries  
Use of Spanish in real life situations

BJUP – Bob Jones University Press  
ACSI – Association of Christian Schools International