

# USCS 2007-2008 Secondary Literature Course Descriptions

## **English/Literature**                      **Seventh Grade**

### **First Semester**

### **Second Semester**

Students will be introduced to the five-paragraph composition, including an original thesis, an outline, and introductory and concluding paragraphs. They will correct and revise their compositions using new grammar concepts. An important element of the curriculum is its stress on vocabulary development, thereby preparing the students for increased reading comprehension in all academic subjects. Students will be introduced to many genres of literature through short stories, poetry, non-fiction, drama and novels, and learn to evaluate them by Biblical standards and principles.

**Parent Role: Guide for Dependent Study**

**Prerequisite: Sixth Grade Language Arts**

## **English/Literature**                      **Eighth Grade**

### **First Semester**

### **Second Semester**

Students will refine their ability to write a standard seven-paragraph composition with outline and thesis on a variety of academic subjects, using the text, classic literature, and research to support the thesis and to provide interesting and relevant introductions and conclusions. Students will be introduced to many genres of literature through short stories and novels and learn to evaluate them by Biblical principles. The class will also place an emphasis on literary terms as well as the analysis of literature studied in class. An important element of the curriculum is its stress on vocabulary development, thereby preparing the students for increased reading comprehension in all academic subjects.

**Parent Role: Guide for Dependent Study**

**Prerequisite: Seventh Grade Literature**

## **Fundamentals of Literature**                      **Freshman**

### **First Semester**

### **Second Semester**

Using short stories and poems in the Bob Jones University literature text, *Fundamentals of Literature*, the class explores the different elements of literature including conflict, theme, characterization and structure. These ideas are reinforced as the class takes an in depth look at core novels. The use of twenty-five minute writes prepares students for the timed essay portion of the SAT and sharpens their ability to brainstorm and develop ideas quickly. Students will test their ability to write analytically about the literature encountered in both short informal writes and longer formal essays. They will also have an opportunity to use their imaginations in creative writing assignments and other projects. Review of essential language skills will be implemented and vocabulary is expanded. Extended reading requirements encourage students to read books of their choice and hopefully find a love for reading. The overall objective of the course is to help build practical reading and writing skills while learning about literature.

**Parent Role: Guide for Dependent Study**

**Prerequisite: Eighth Grade Literature**

# USCS 2007-2008 Secondary Literature Course Descriptions

## **Elements of Literature**                      **Sophomore**

### **First Semester**

### **Second Semester**

This class takes the next step from Bob Jones University's *Fundamentals of Literature*, and explores the *Elements of Literature*, a collection of short stories, excerpts, poems, and some complete works, such as William Shakespeare's famous love story, Romeo and Juliet. To supplement this literature, the class also examines core novels. Classical vocabulary assignments will be given in addition to other assignments that supplement the core works of literature. The use of twenty-five minute writes prepares students for the timed essay portion of the SAT and sharpens their ability to brainstorm and develop ideas quickly. Argument and analysis are stressed in this class in both classroom discussions and writing assignments. Creative writing will also be explored.

**Parent Role: Guide for Dependent Study**

**Prerequisite: Fundamentals of English Literature-Freshman**

## **American Literature**                      **Junior**

### **First Semester**

### **Second Semester**

With two preparatory courses in both fundamentals and elements of literature, this course explores *American Literature* as arranged by Bob Jones University Press. To compliment this study, core novels are explored in-depth. Classical vocabulary assignments will be given in addition to work that will supplement the core works of literature. The use of twenty-five minute writes prepares students for the timed essay portion of the SAT and sharpens their ability to brainstorm and develop ideas quickly. Argument and analysis are stressed in this class in both classroom discussions and writing assignments. Creative writing will also be explored.

**Parent Role: Guide for Independent Study**

**Prerequisite: Elements of Literature-Sophomore**

## **British Literature**                      **Senior**

### **First Semester**

### **Second Semester**

Using literary excerpts and works in their entirety from the Bob Jones University literature text, *British Literature*, the class explores writings from time periods of early to modern Britain. The Romantic and Victorian era (1800s) are of especial importance as the class takes an in-depth look at core novels of this time period. The use of twenty-five minute writes prepares students to take timed writing tests in college, and sharpen their ability to brainstorm and develop ideas quickly. These students will also test their ability to write analytically, in the third person, about the literary works discussed in class in both short informal writes and longer formal essays. They will also have an opportunity to use imagination in creative writing assignments and other projects. Classical vocabulary is expanded with additional assignments used to compliment the core novels. Extended reading requirements encourage students to read books of their choice and find a love for reading. The overall objective of the course is to help prepare students for both college level writing and literature courses.

**Parent Role: Guide for Independent Study**

**Prerequisite: American Literature-Junior**

# USCS 2007-2008 Secondary Mathematics Course Descriptions

## **Math 7** **Seventh Grade**

### **First Semester**

### **Second Semester**

This course is an introduction to basic math skills. Fractions, percents, algebraic thinking, decimal operations, data and statistics, equations, inequalities, functions, ratios, proportions, geometry, and a continuation of required math skills will be covered.

**Parental Role: Guide for Dependent Study**

**Prerequisite: Sixth Grade Math**

## **Pre-Algebra** **Seventh Grade – Eighth Grade**

### **First Semester**

### **Second Semester**

The class will start with a focus on algebraic expressions and the manipulation of integers. One step linear equations and inequalities will then be introduced, gradually moving the student from integers to using equations comprised of decimals, fractions, exponents, ratios, proportions and percentages.

**Parental Role: Guide for Dependent Study**

**Prerequisite: Sixth or Seventh Grade Math**

## **Algebra 1** **Eighth Grade - Freshman**

### **First Semester**

### **Second Semester**

The objectives of this course include the following: the understanding of the properties and structure of our number system and its operations, the development of skills basic to the solving of quantitative problems that arise in science, business and more advanced mathematics, and the extension of the techniques of reasoning. The course content includes the following: work with sets of rational and irrational numbers and their properties, solution of linear equations and inequalities and graphs of both linear and quadratic functions, solving systems of equations both graphically and with linear combinations, products and factoring of polynomial, rational expressions, exponents, elementary statistics and probability, and problem-solving.

**Parental Role: Guide for Dependent Study**

**Prerequisite: Pre-Algebra**

## **Geometry** **Freshman - Sophomore**

### **First Semester**

### **Second Semester**

This is a traditional course in Euclidean plane and three-dimensional geometry. Special emphasis is placed on logic and proof. This course is designed to help students become logical thinkers and to help prepare them for college or vocational level courses.

**Parental Role: Guide for Dependent Study**

**Prerequisite: Algebra 1**

# USCS 2007-2008 Secondary Mathematics Course Descriptions

## **Algebra 2**

**Sophomore - Junior**

**First Semester**

**Second Semester**

This course includes the study of functions and second degree equations, approached both graphically and analytically, as well as topics in probability and data analysis. A scientific function calculator is required. However, if you plan on taking Pre-Calculus you might consider a Ti-86.

**Parental Role: Guide for Independent Study**

**Prerequisite: Geometry**

## **Pre-Calculus**

**Junior - Senior**

**First Semester**

**Second Semester**

This course continues the study of functions, examining them both graphically and analytically. It emphasizes trigonometry, analytic geometry, conic sections and quantitative literacy. A Ti-86 calculator is required.

**Parental Role: Guide for Independent Study**

**Prerequisite: Algebra 2**

## **Calculus**

**Senior**

**First Semester**

**Second Semester**

Calculus is the mathematics of motion and change. This course follows Pre-Calculus and is designed to introduce the theory and applications of derivatives and integrals. The class is designed to help students comprehend college level Calculus courses. A Ti-86 calculator is required.

**Parental Role: Guide for Independent Study**

**Prerequisite: Pre-Calculus**

# USCS 2007-2008 Foreign Language Course Descriptions

## **Spanish I**

**Freshman – Senior**

### **First Semester**

### **Second Semester**

This is an introductory course to the Spanish language and the Spanish people. Classroom time will be spent in developing listening skills and practicing appropriate levels of conversation. There will be a strong emphasis on becoming comfortable with the foundational structures of the Spanish language. The most frequently used forms of speech will be highlighted. Vocabulary acquisition and conjugating a variety of regular and irregular verbs in the present tense will be of greatest importance. Grammatical concepts such as accuracy in noun/adjective agreement, effective usage of the comparative forms of adjectives and adverbs, correct placement of direct object pronouns and precision in utilizing interrogatives will all be significant. We will be learning greetings and introductions, how to find one's way in a new situation, and using numbers in telling time, money transactions and dates. We will be memorizing Scripture and Gospel phrases, as well as acquainting ourselves with the Latino way of life, which is intended to impart to us all a love for and understanding of Spanish-speaking people.

**Parental Role: Guide for Dependent Study**

**Prerequisite: None**

## **Spanish II**

**Sophomore – Senior**

### **First Semester**

### **Second Semester**

Spanish II will continue the emphasis of Spanish I. We will add new situations and life insights which will bring a deeper grasp of ways to relate and communicate in this romantic language. There will be a continuing focus on giving students practical tools for everyday occasions. We will highlight Latin America, the people and their usage of the language. We will learn to go shopping, to eat in a restaurant, to visit the doctor, to make a hotel reservation, and to share the Gospel. Conversation will become more important in the classroom. Grammatical concepts will continually be explained, reviewed and monitored to see that each student knows what he or she is saying. We will thoroughly explore the preterit and imperfect verb tenses.

**Parental Role: Guide for Dependent Study**

**Prerequisite: Spanish I**

**USCS 2007-2008  
Science  
Course Descriptions**

**Life Science** **Seventh Grade**

**First Semester**

**Second Semester**

This class includes a survey of life, the cell, beginnings, genetics, the five kingdoms, ecology and the human body. The emphasis is on learning through labs, dissections, and class activities, reinforced by written work and projects.

**Parental Role: Guide for Dependent Study**

**Prerequisite: None**

**Physical Science** **Eighth Grade**

**First Semester**

**Second Semester**

Through a variety of projects, laboratory activities, and group and class discussions, students will explore the scientific concepts of chemistry, astronomy, and physics. This course utilizes a hands-on, inquiry based approach to learning. Use of scientific tools and instruments is stressed, as well as thinking critically, reading comprehensively, writing and evaluating laboratory results and working cooperatively in groups.

**Parental Role: Guide for Dependent Study**

**Prerequisite: None**

**Biology** **Freshman – Sophomore**

**First Semester**

**Second Semester**

This class will include the study of cellular biology, genetics, taxonomy, microbiology, botany, zoology, and human anatomy. The biology materials uphold the sanctity and wonder of life as God has created it. The emphasis will be on learning through labs, reinforced by written work and projects.

**Parental Role: Guide for Dependent Study**

**Prerequisite: None**

**Chemistry** **Sophomore – Senior**

**First Semester**

**Second Semester**

This course is designed to be a first-year high school chemistry course and gives the student a rigorous foundation in chemistry, in order to prepare him or her for a college-level course. The course covers significant figures, units, classification, the mole concept, stoichiometry, thermochemistry, thermodynamics, kinetics, acids and bases, redox reactions, solutions, atomic structure, Lewis structures, molecular geometry, the gas laws, and equilibrium. Students who take and understand this course will be very well-prepared for a tough university chemistry course,

**Parental Role: Guide for Independent Study**

**Prerequisite: Algebra 1, Biology**

# USCS 2007-2008 Science Course Descriptions

## **Mythbusters (Advanced Physical Elective) Seventh Grade – Senior**

### **First Semester**

### **Second Semester**

Is it fact or fiction? Students will take urban legends and put them to the scientific test. An example might be testing a myth that footballs filled with helium will fly farther and hang longer than ones filled with regulation air. Will a wet toothbrush pick up bacteria from a nearby toilet if the brush is left in the bathroom? The concepts presented will have students looking at science in a whole new way.

**Parental Role: Guide for Independent Study**

**Prerequisite: Does not replace Life Science, Physical Science or Biology**

## **Forensics (CSI)**

### **Second Semester**

This course introduces the non-scientific student to the field of forensic science. This hands-on approach will cover crime scenes, physical evidence, forensic technology, trace evidence (hair, fibers, metals, plants, and soil), fire investigation, explosive investigation, fingerprints, and much more!

**Parental Role: Guide for Independent Study**

**Prerequisite: None**

# USCS 2007-2008 Social Studies Course Descriptions

## **World Studies** **Seventh Grade**

### **First Semester**

### **Second Semester**

This course is a survey of world history from 1100 to the present time. Upon completion of this course, students will be able to demonstrate an understanding of God's sovereign hand upon the world's history, different cultures, world geography, significant people in world history, and important dates in world history.

**Parental Role: Guide for Dependent Study**

**Prerequisite: None**

## **American Republic** **Eighth Grade**

### **First Semester**

### **Second Semester**

**Course Description:** This course is a survey of American history from the discovery of America to the beginning of the 21<sup>st</sup> century. Upon completion of this course, students will be able to demonstrate an understanding of God's sovereign hand upon the history and events of the United States of America, chronological historical events in America, significant events in American history, significant people in American history, and important dates in American history.

**Parental Role: Guide for Dependent Study**

**Prerequisite: None**

## **World History** **Freshman – Sophomore**

### **First Semester**

### **Second Semester**

The course builds a solid foundation of ancient history, tracing man's history back to the Garden of Eden. It presents neglected Asian and African cultures in a unique ancient-to-modern style, helping the students to recognize other peoples and cultures. An in-depth study of the Greco-Roman culture lays the groundwork for an exciting section on medieval history. The last section brings the student to the very doorstep of current history and vividly depicts world events in light of God's master plan.

**Parental Role: Guide for Dependent Study**

**Prerequisite: None**

## **US History** **Junior**

### **First Semester**

### **Second Semester**

This course is designed to provide the student with a historical perspective of the United States. Only through history can students learn the cause and effect of future decisions. This course introduces the students to the European discovery of the vast land we now call the United States. The immigration of the people and culture has dramatically changed the land from an undeveloped frontier to a world power. This course also explores the economic and political changes experienced in the 20<sup>th</sup> century from war to industrialization to innovation.

**Parental Role: Guide for Independent Study**

**Prerequisite: Geography or World History**

**USCS 2007-2008  
Social Studies  
Course Descriptions**

**Civics/Economics**

**Senior**

**First Semester**

**Second Semester**

Civics: This course comes from a conservative, Christian perspective. Students need the firm foundation to become informed, responsible citizens and voters in today's world. It promotes patriotism and centers on the Constitution. At the core of the text is a fascinating study of the Constitution, the government it established, and the rights and privileges it guarantees the American people. It challenges students to get involved in their community and political system.

Economics: This course covers essential concepts such as competition in the marketplace and private ownership of capital are discussed from a conservative perspective. The Biblical views of work, wealth, and stewardship appear throughout the book. Text is written in a clear, light style that makes the concepts thoroughly understandable for secondary level students. Includes study questions to stimulate thought and application to daily situations.

**Parental Role: Guide for Independent Study**

**Prerequisite: World History *and* US History**

**USCS 2007-2008  
Biblical Studies  
Course Descriptions**

**Mad Bro/Girl Time  
(Biblical Applications)**

**Freshman – Senior**

**First Semester**

**Second Semester**

This class is a Tuesday night Bible study for high school students. Boys and girls meet separately for intimate discussions on how to use the Bible to deal with every day battles. Fellowship and dinner are always served!

**Parental Role: Guide for Independent Study**

**Prerequisite: None**

**Worship**

**Seventh Grade – Senior**

**First Semester**

**Second Semester**

In this class you will learn that worship is more than music...much more. You will learn that worship is our response to the continuing revelation of God in our lives and to the deepening of our understanding of a relationship with Him. We will learn how God can use us to encourage others to deepen our walk with Him through worship. This class will develop the USCS worship services (chapel) and will lead the chapels from A-Z.

**Parental Role: Guide for Independent Study**

**Prerequisite: None**

# USCS 2007-2008 Leadership Course Descriptions

## HS Leadership

Freshman – Senior

### First Semester

### Second Semester

**NEW: Students in this class make up the Student Leadership Team (Student Council) of USCS.**

Leadership is not an exclusive club for those who were "born with it." The traits that are the raw materials of leadership can be acquired. Link them up with desire and nothing can keep you from becoming a leader. This class will supply the leadership principles. You must supply the desire. In addition, quarterly community service projects will put your leadership skills into action. This class will have no "ivory tower" theories. Instead, it will be loaded with unchanging Biblical leadership principles. In this class you will learn the following:

- Discover how God has uniquely designed you to have impact and influence in your world.
- Discover your unique "leadership shape."
- Discover the power of determination and persistence.
- Discover and develop the character of the world's greatest leader—our Lord Jesus Christ.

**Parental Role: Guide for Independent Study**

**Prerequisite: None**

## Adventure Leadership

Seventh Grade – Senior

### First Semester

### Second Semester

A leadership development class which uses practical outdoor skills as a learning tool for personal leadership development.

Outdoor skills such as:

- |                                           |                                                   |
|-------------------------------------------|---------------------------------------------------|
| 1. Decision Making and Problem Solving    | 10. Health and Sanitation                         |
| 2. Leadership                             | 11. Travel Techniques                             |
| 3. Expedition Behavior and Group Dynamics | 12. Navigation                                    |
| 4. Environmental Ethics                   | 13. Safety and Risk Management                    |
| 5. Basic Camping Skills                   | 14. Communication Skills                          |
| 6. Nutrition and Rations Planning         | 15. Wilderness Emergency Procedures and Treatment |
| 7. Equipment and Clothing Selection/Use   | 16. Trip Planning                                 |
| 8. Weather                                | 17. Teaching, Processing and Transference         |
| 9. Specialized Travel/Adventure Activity  |                                                   |

Each month the students will be practicing their skills in the outdoors with activities such as: rock climbing, canyoneering, kayaking, snow skills, orienteering, and backpacking. The final exam will include an overnight "supervised" survival expedition.

**Parental Role: Guide for Independent Study**

**Prerequisite: Climbing harness and repel device (We will discuss which types would be best during first day of class.)**

# USCS 2007-2008 Leadership Course Descriptions

## **Expedition Leadership**

**Eighth Grade – Senior**

### **First Semester**

### **Second Semester**

Our advanced version of Adventure Leadership is geared for the outdoor enthusiast. Emphasis will be placed on planning and implementing multi-day expeditions, student leadership, and advanced skills in the disciplines of rock climbing, back packing, canyoneering, kayaking, and orienteering.

**Parental Role: Guide for Independent Study**

**Prerequisite: Climbing harness and repel device**

**USCS 2007-2008**  
**Electives**  
**Course Descriptions**

**Drama Production** **Seventh Grade - Senior**

**First Semester**

**Second Semester**

This course will provide students with the opportunity to study the theatre. We will investigate many areas of the dramatic arts including acting, directing, stage management, writing, theatre history, etc. Students will have numerous opportunities to serve and inspire their fellow classmates through various avenues. This course will culminate with a production.

**Parental Role: Guide for Independent Study**

**Prerequisite: None**

**Technical Arts** **Seventh Grade - Senior**

**First Semester (This course will support both productions and chapels)**

**Sound Engineering**

Students are introduced to running sound with both theoretical and practical instruction.

Course covers:

- Psycho-acoustical theory (*why* we do what we do in sound)
- Components of the sound system (mics, sound board, amps, speakers)
- Sound board operation
- Listening and achieving of a good "mix" for the intended purpose

**Second Semester**

**Stage Lighting**

Course covers:

- Psycho-visual theory (*why* we do what we do in lighting)
- Overview of different lighting types and techniques, (drama, dance, musical theatre, concert, etc.)
- Components of design (fixture placement, type of beam, colors, transitions, etc.)
- Overview of lighting systems (circuits, dimming & control, power limitations, etc.)
- Making decisions for Lighting in the worship environment

**Parent role: Guide for independent study**

**Prerequisite: None**

**Physical Education** **Seventh Grade – Senior**

**First Semester**

**Second Semester**

Presents basic components of physical fitness: aerobic activity and health concepts, with an emphasis on nutrition, stress reduction, and the effects on overall health.

**Parental Role: Guide for Independent Study**

**Prerequisite: None**

**USCS 2007-2008  
Electives  
Course Descriptions**

**Speech** **Seventh Grade - Senior**

**First Semester**

**Second Semester**

This course is designed to introduce students to public speaking in various forms. Students will prepare and present pieces from multiple categories including informational speaking, persuasive speaking, impromptu speaking, dramatic and humorous interpretation, declamation, and poetry.

**Parental Role: Guide for Independent Study**

**Prerequisite: None**

**Fine Arts** **Seventh Grade - Senior**

**First Semester**

This is a "how to, hands on" course. It is designed to introduce the student to a variety of art mediums and techniques through short term projects. Students will gain the basic knowledge and skills necessary to begin the creative process and further develop their own unique artistic style.

**Parental Role: Guide for Independent Study**

**Prerequisite: None**

**Acoustic Guitar I** **Seventh Grade - Senior**

**First Semester**

Students will be introduced to acoustic guitar method, including basic music theory, tuning, flexibility exercises and proper hand position, strumming technique, and chord memorization.

**Requirements:**

- Daily practice of 20 minutes minimum!
- Students must provide their own guitar.
- Guitar must be tuned before class (we will learn how together, then it becomes the students' responsibility).

**Parent role: Guide for Independent practice**

**Prerequisite: None**

**Acoustic Guitar II**

**Second Semester**

This course is a continuation of Acoustic Guitar I, including chord theory & variations, reading chord charts, lead sheets and guitar tab, playing with other musicians in a band setting, and accompanying a vocalist.

**Requirements:**

- Daily practice of 20 minutes minimum!
- Students must provide their own guitar.
- Guitar must be tuned before class.

**Parent role: Guide for Independent practice**

**Prerequisite: Acoustic Guitar I or comparable experience**

# USCS 2007-2008 Computer Science Course Descriptions

## **Yearbook/Photography**

**Seventh Grade – Senior**

### **First Semester**

### **Second Semester**

Yearbook: This course will provide students with the opportunity to plan, develop, and produce the school's yearbook. In order to achieve this goal, students will create page layouts, choose appropriate photos, and skillfully write copy for pages assigned to them. They will also help choose and develop the yearbook's theme.

Photography: This course will familiarize students with the equipment, material, methods, techniques, and processes required for making photographs, while gaining exposure to various types of photography. Students will learn to attend to visual perception, composition, and aesthetics, highlighting elements and principles of art. Creation, innovation, and experimentation will be emphasized and encouraged.

**Parental Role: Project Assistant**

**Prerequisite: None. Class size is limited to number of computers available.**

## **JAVA Programming**

**Freshman - Senior**

### **First Semester**

### **Second Semester**

• To help students grasp the basics of Object-Oriented programming.

• To understand the fundamentals of JAVA, and be able to use this language to develop applications that are useful in the real world.

**Parental Role: Guide for Dependent Study**

**Prerequisite: None. Class size is limited to number of computers available.**

## **Microsoft Office**

**Eighth Grade - Senior**

### **First Semester**

### **Second Semester**

Students will gain an understanding of the complete Microsoft Office software. This class will provide you with strong skills in application of the following:

- Microsoft Word -Word processing, charts, & tables
- Microsoft Excel -Spreadsheets, databases,
- Microsoft PowerPoint -Presentations
- Microsoft Outlook -Email

**Parental Role: Guide for Dependent Study**

**Prerequisite: None. Class size is limited to number of computers available**