

## 2016-2017 UHC High School Course Descriptions

All books and materials listed in the course descriptions must be purchased by the student unless otherwise specified.

## Table of Contents

You may scroll through this document or click on a link to go directly to a specific class page.

**ACT Prep CP 1st semester (Grades 10-12)** 

Algebra 1 CP (Grades 8-10) Honors option

Algebra 2 CP (Grades 9-12) Honors option

American Government Honors 2nd semester (Grades 11-12, strong 10)

<u>American Literature CP (Grades 9-12) Honors option</u>

<u>American Sign Language CP (Grades 8-12)</u>

Biology CP (Grades 9-10) Honors option

British Literature CP (Grades 10-12, strong 9) Honors option

**Business Introduction CP (Grades 10-12)** 

**Chemistry CP (Grades 10-12) Honors option** 

**Christian Worldview CP (Grades 9-12)** 

**Economics Honors 1st semester (Grades 11-12, strong 10)** 

**Engineering 1 CP (Grades 9-12)** 

**Engineering 2 CP (Grades 10-12)** 

Fine Arts: The Elements and Principles of Design & Instrumental Music CP

(Grades 9-12)

Focused Study Class (Grades 9-12 ONLY)

**General Literature CP (Grades 9-10) Honors option** 

**Geometry CP 3rd pd. Mrs. Ryon (Grades 9-11) Honors option** 

**Geometry CP 4th pd. Mrs. Erwin (Grades 9-11) Honors option** 

**Human Anatomy and Physiology Honors (Grades 11-12)** 

**Intro to Computer Programming CP (Grades 9-12)** 

Intro to High School Writing CP (Grades 8-10)

Journalism and Research Writing CP (Grades 10-12)

Physical Science CP (Grades 8-9) Honors option

**Physics CP (Grades 11-12) Honors option** 

Pre-Calculus CP (Grades 10–12) Honors option

SAT Prep CP 2nd semester (Grades 9-12)

Spanish 1 CP (Grades 8-12)

Spanish 2 CP (Grades 9-12)

**Video Production CP (Grades 9-12)** 

World Geography CP (Grades 9-12) Honors option

World Literature CP (Grades 10-12, strong 9) Honors option

Yearbook CP (Grades 10-12)

ACT Prep (CP) Grades 9-12

Offered first semester only.

**Prerequisites:** Algebra 1 and either Geometry or Algebra 2, preferably both. The third math class should be taken concurrently, if it is not already completed.

Course credit: .5 elective

**Fees:** \$175

#### **Required Textbook and Other materials:**

- Textbook: Cracking the ACT 2016 Edition, published by The Princeton Review, ISBN 978-1-101-88198-9, or Cracking the ACT Premium 2016 Edition, published by The Princeton Review, ISBN 978-1-101-88199-6. Either version may be used. The printed matter is identical for both. The premium version includes a DVD with additional practice tests, some video tutorials, customizable 4-, 8-, and 12-week study plans, and several other special features.
- Any scientific calculator that is on the list of approved calculators for the ACT

**Course description:** Most colleges will accept either the SAT or ACT, and either test may be used to qualify a student for the South Carolina in-state LIFE Scholarship or the Palmetto Fellows Scholarship. There are still many questions about the new SAT. This a good article addressing both the test and the differences between the SAT and the ACT <a href="http://www.testprepauthority.com/guides/new-sat/">http://www.testprepauthority.com/guides/new-sat/</a>.

On Mondays, this class will prepare for the math and science portions of the ACT. In addition to test-taking strategies, we will review and drill math skills needed on the ACT. The science portion of the ACT is about applying sound reasoning as well as critical reading and thinking skills to scientific data summarized in tables, charts, graphs, illustrations, and reading passages. We will learn strategies and techniques for maximizing scores on the science portion of the test.

There will be a graded math and/or science homework assignment each week. At least some of these assignments will be submitted through the online grading system, Jupiter Grades. Students should expect to spend at least 1 to 2 hours each week working on the math and science portions of ACT prep.

On Wednesdays, this class will prepare students for the English, reading, and writing portions of the ACT by equipping them with an overview of the test, a review of the basic skills it requires, and an array of tips and strategies designed to maximize speed and accuracy on the verbal portions of the

test.

To be successful in the math/science portion of this class: Students must be willing to spend significant time doing practice problems. In addition, students should be willing to spend time reading the explanations and solutions to missed practice problems, and come to class prepared with specific questions if more help is needed. Students who have gaps in their basic math knowledge should be willing to spend additional time filling those gaps.

**To be successful in the verbal portion of this class:** Students should plan to take thorough notes, to participate in class activities, and, most importantly, to invest approximately 1 to 2 hours on weekly graded assignments, most of which will involve portions of practice tests.

#### **Teacher:** Laura Erwin

- BS Mechanical Engineering, San Jose State University
- Homeschooled my three sons from 1994 2014
- Math tutor for over 25 years
- Taught math explorations and Geometry courses at home school co-ops, as well as Algebra 1 and Geometry to small groups
- Conduct summer science camps and SAT math prep classes
- UHC courses taught
  - Consumer math
  - Honors geometry
  - Honors and CP physics
  - Computer applications
- Began teaching at UHC in 2006

**Teacher:** Shandi Stevenson
Teacher: Shandi Stevenson

- MA Humanities California State University 2013
- BA Literature in English Excelsior College 2004
- Diploma from New Tribes Bible Institute 1999
- Freelance writer and tutor

#### Courses taught at UHC

- Middle School Journalism
- 5<sup>th</sup> Grade Introduction to IEW
- American Literature
- Currently:
- 7th and 8th Grade Literature Analysis

- British Literature
- World Literature
- SAT Prep Verbal Skills

Teacher at UHC since 2009

# Algebra 1 (CP)

Grades 8-10

**Honors** option

**Prerequisite:** Pre-Algebra or an equivalent curriculum. Students should have mastered arithmetic skills such as fractions, decimals, and integers. They also should have experience with variables, solving equations, and graphing.

Course credit: 1 math

Fees: \$350

Required materials (parents must purchase):

• **Textbook:** *Algebra I – Classics Edition*, Prentice Hall, ISBN 013133770-X.

• Other materials:

Three-ring binder with notebook paper and graph paper

Ruler

• Scientific calculator (graphic calculator may be helpful but is not required)

**Course description:** Students will review the basic arithmetic operations on whole numbers, integers, and rational numbers. They will gain a better understanding of graphing two variable equations: lines, parabolas, absolute value, and exponential shapes. They also will study various algebraic concepts: solutions of first and second degree equations, solutions of systems of first degree equations, solutions of inequalities, and solutions of rational equations; operations with exponents, operations and factoring with polynomials, operations with rational expressions, and operations with square roots. Concepts will be presented visually and applied through word problems.

To be successful in this class: Students at the CP level will need daily at-home practice and possible assistance from their teaching parent. Parents will be expected to check homework and monitor students as they work. Additional help for the student and parent will be available from the teacher and selected websites such as khanacademy.org. Tests and assignments will be given to take at home with occasional quizzes given in class. Students should expect to spend at least one hour per day on these assignments. Students are expected to arrive in class prepared to discuss specific problems that were difficult for them to solve at home.

Teacher: <u>Joy Hartsell</u>

- B.A. in Mathematics with Music minor Clemson University, 1992
- M. Ed. in Secondary Education Mathematics Clemson University, 1994

- Current SC Teaching Certificate in Secondary Mathematics
- Taught at Riverside High School 1993 2000
- Taught occasional courses at Greenville Tech, North Greenville University, Blue Ridge Christian Academy 2002 2013

## UHC courses taught

- o Algebra 1
- Consumer Math

Algebra 2 (CP) Grades 9-12

#### **Honors Option**

Prerequisites for CP class: Algebra 1

**Prerequisites for Honors Class**: In order to take the Algebra 2 Honors course students must meet one of the following criteria AND have a recommendation from their last math instructor:

- Score 95% or better in Algebra 1 CP course
- Score 90% or better on the math composite of the Stanford Achievement or IOWA
- Score 93% or better in Algebra 1 Honors or Geometry Honors course.

Exceptions will be made only upon written request of the parent and a conference with the Algebra 2 teacher.

Course credit: 1 math

**Fees:** \$350

#### Required materials (parents must purchase):

- **Textbook:** Algebra II w/Trigonometry Classics Edition, Prentice Hall, ISBN 013133798X (Available from most online used booksellers such as Amazon, or from <a href="Pearson School">Pearson School</a>)
- Other materials:
  - Prentice Hall Graphing Calculator (TI-83 plus or TI-84)
  - Graph paper, notebook, and ruler
  - o Internet access to visit <a href="https://www.Khanacademy.org">www.Khanacademy.org</a> (for content reinforcement)

**Course description:** All the mathematical concepts listed below will be investigated through functions, graphs, and word problems. The calculator will provide an enhancement of the material. Students will: gain an understanding of different algebraic models, including Linear, Absolute Value, Quadratic, Exponential, Logarithmic, Rational, Irrational, and Higher-Order Polynomials; study systems of linear equations and inequalities; quadratic relations such as circles, parabolas, ellipses, and hyperbolas; and sequences and series.

**Honors Students** will complete and turn in extra problems, which are more advanced. In addition they must complete four projects. Each semester they will write a one- to two-page biography on a famous mathematician. They will create a visual aide and present their papers orally in class. Also, each semester students will choose a mathematical project from a list on the teacher's website. The project will be completed at home and turned in to be graded.

**To be successful in this class:** Students should expect to complete two to three hours of work outside of class for each hour in class. Tests and assignments will be given to take home, to evaluate progress. A midterm and final exam will be administered, in class, at the end of each semester.

Teacher: Tami Ryon

• A.A., B.S. (Mathematics), M.S. (Mathematical Science) – University of Central Florida, Orlando,

FL

- Adjunct professor at Greenville Technical College
- Math Tutor

## UHC courses taught:

- o Algebra 1
- o Algebra 2
- o Pre-calculus
- o SAT Prep Math
- o Geometry

## **American Government**

## Grades 11-12, strong 10

Honors Offered second semester only

Course credit: .5 history

**Fee:** \$175

#### **Required Texts:**

- Exploring Government, by Notgrass, ISBN #1933410884
- Exploring Government Quiz and Exam Book, ISBN #1933410432
- We Hold These Truths, by Notgrass ISBN #1933410892 (These 3 books can be purchased as a set) from http://www.notgrass.com/notgrass/american-government-high-school-curriculum/ and also from Children's Books of Greer.
- 100 notecards (3 X 5)
- One 2" three-ring binder, notebook paper (50 sheets), dividers

#### **Highly Recommended:**

- Daily access to computer with internet and word processing capability
- Daily access to newspaper, news magazine, or on-line news source

#### **Course Overview:**

This course will meet or exceed all state standards for the U.S. Government high school requirement (see standards below). The student will leave the class with: A basic understanding of what constitutes human government and how the United States came to be a Constitutional republic; a thorough understanding of the U.S. Constitution, including such concepts as limited government, co-equal branches of government, and checks and balances. The student will learn the difference between government and politics and what it means to be an informed citizen and how to be involved in public service and/or the political realm. In addition to the Notgrass textbook, the class will read from a variety of original sources including essays, speeches, and letters. The class will also read and reflect upon current editorials and news articles weekly. Students will learn who their elected officials are and how to contact them. Each student will be assigned a representative to "track" throughout the semester and report on bi-weekly. The students will be taught from a Christian worldview and will incorporate and analyze the Biblical basis for human government as they study the foundation and growth of our own government.

#### To Be Successful in This Course:

This is a required high school course, aimed at juniors and seniors. Students are expected to complete all reading assignments, take notes in class, and complete all written assignments according to the instructions posted on the teacher's website. Students should expect to spend one hour per day (5 hours per week) on this course, divided among reading, writing/answering written questions, reviewing class notes, and research (when assigned).

**Teacher:** <u>Shannon Keating</u>

B.A. Duke University 1992

- Major: Public Policy Studies, Certificate: K-6 Elementary Education
- U.S. Air Force 1993-1997—served as protocol and public affairs officer as well as speechwriter for several general officers.
- Volunteer service: Big Brothers/Big Sisters, Boys and Girls Clubs volunteer, Domestic Violence court advocate
- Husband: David, Children: Abigail, Anne Darby, Henry, and Elizabeth
- Extensive experience in written journalism (newspapers, magazines, and speeches) at all levels: high school, college, community newspaper, Air Force publications and assisted in writing children's curriculum for two churches. Teaching experience includes: children and youth in church, camp, and community settings for nearly 20 years, including service as an Awana leader, Sunday School teacher, VBS teacher, Big Brothers/Big Sisters mentor, Girl Scout leader, Good News Clubs teacher, and Girls' Home volunteer.

#### UHC courses taught:

- Journalism and essay writing
- Journalism and research writing
- Economics
- American Government
- IEW 2

## **American Literature (CP)**

Grades 9-12

Honors option.

**Course credit:** 1 English (must do grammar at home)

Fees: \$350

#### Required materials (parents must purchase):

- Textbook: American Literature, English 3 by Everyday Education
- Books (no electronic books may be used in class):
  - o Autobiography, Benjamin Franklin
  - <u>Legend of Sleepy Hollow and Other Stories</u> by Washington Irving and selected works by Henry Wadsworth Longfellow
  - The Last of the Mohicans by James Fenimore Cooper
  - o <u>The Scarlet Letter</u> by Nathaniel Hawthorne
  - o Billy Budd by Herman Melville
  - o Adventures of Huckleberry Finn by Mark Twain
  - o The House of Mirth by Edith Wharton
  - The Great Gatsby by F. Scott Fitzgerald
  - o My Ãntonia by Willa Cather
  - The Old Man and the Sea by Ernest Hemingway
  - Arsenic and Old Lace by Joseph Kesselring
- Honors books (Honors students will choose four of the following, two per semester):
  - Uncle Tom's Cabin, Harriet Beecher Stowe
  - The Federalist Papers and The Constitution of the United States
  - o Our Town, Thornton Wilder
  - The Chosen, Chaim Potok
  - o To Kill a Mockingbird, Harper Lee
  - The Scarlet Letter, Nathaniel Hawthorne
- Other materials: three-ring notebook

Please note: Although the curriculum lists many books and honors books, the books listed above are the ones that will be studied in this class and are the only ones student needs to have.

**Course description:** American Literature provides a robust array of novels, drama, and poetry. Students will be encouraged to develop critical thinking skills while analyzing great literature. They also will develop writing skills and build vocabulary. Communication through the written and spoken word will be essential components of this class. Grades will be based on essays, tests, projects, and class participation.

**To be successful in this class:** Students must be able to maintain a rigorous reading schedule, take an active part in classroom discussions, write responses to the works read, and pass vocabulary tests, quizzes and tests on each work read.

#### **Teacher:** Amy Bright

- B.A. English 2001 Bob Jones University
- M.A. English 2004 Bob Jones University
- Recipient of the President's Award
- Greenville Technical College, currently Adjunct Professor
- Vanguard Christian Academy, currently English and Drama teacher
- Hanalani Public Schools, English and Drama teacher 2004-2010
- Teacher Paxon School for Advanced Studies, English and Drama teacher 2011-2012
- Freelance Writer

### UHC courses taught:

- American Literature
- o General Literature

# **American Sign Language 1 (CP)**

Grades 8-12

Course credit: 1 foreign language

Fees: \$350

#### Required materials (parents must purchase):

Master ASL Level One, Jason E. Zinza, ISBN 1-881133-20-6. This is a student text with DVD and companion workbook. Available through the publisher at <a href="http://store.signmedia.com/1710.html">http://store.signmedia.com/1710.html</a> or use <a href="http://www.usedtextbooks.net/search/mastering-asl-level-1">http://www.usedtextbooks.net/search/mastering-asl-level-1</a> for a comparison of most used textbook stores and prices.

**Course description:** This is an introductory course in American Sign Language as developed and used by the Deaf community in most areas of North America. It consists of a preparatory phase to attune students to communication in the manual-visual mode, followed by instruction and practice in the alphabet, vocabulary, sentence structure, and elementary conversation. In addition, the course will address the Deaf culture and provide opportunities for the students to experience the Deaf community.

**To be successful in this class**: Students must be able to maintain the atmosphere of a "silent classroom" (quiet with almost no speaking) and devote time each day at home to practice the language and do homework.

Teacher: Carol Stine

- BS Degree in Business Management/Marketing Florida Southern College, Lakeland, Florida
- MA in Biblical Counseling Trinity Theological Seminary
- Deaf Ministry First Baptist Pine Hills, Pine Hills, Florida
- Taught basic sign language Covenant Christian School and Calvary Christian School.
- Teacher Pine Hills Christian Academy 3 years, tutored a deaf student through Geometry.
- Teacher/Administrator Calvary Christian School, Winter Garden, Florida 10 years.
- Home Schooled my own children for 8 years.

#### **UHC** courses taught

- American Sign Language
- Introduction to Business
- MS Grammar

# **Biology with lab (CP)**

Grades 9-10

Honors option.

Course credit: 1 lab science

Fees: \$350, plus \$20 lab fee

#### Required materials (parents must purchase):

#### Textbooks:

- o Exploring Creation with Biology (2nd edition), Jay L. Wile
- o Solutions and Tests for Exploring Creation with Biology (2nd edition), Jay L. Wile
- Available from most online used book sellers or new at Learning Resources

#### • Other materials:

- 1 three-ring notebook
- 1 composition book with pages sewn in

Course description: This course meets and exceeds all South Carolina biology standards. Topics we will cover include: the Study of Life, Kingdom Monera, Kingdom Protista, Kingdom Fungi, the Chemistry of Life, the Cell, Cellular Reproduction, Genetics, Evolution (part scientific theory and part unconfirmed hypothesis), Ecosystems, the invertebrates of Kingdom Animalia, Phylum Arthropoda, Phylum Chordata, Kingdom Plantae (anatomy and classification), Kingdom Plantae (physiology and reproduction), Reptiles Birds and Mammals. The students will complete at least one lab from each chapter in the book including dissection of an earthworm, crayfish, perch, and frog. One paper will be required during the course of the year.

**To be successful in this class:** Students will need to manage three to five hours of reading and study time, be able to learn and communicate their knowledge of material on tests, turn in assignments in a timely manner, and follow directions in lab activities. Parents will be asked to check students' answers on the study guide for each module (answers are provided in the solutions manual) and proctor tests to insure they are taken fairly.

**Honors option**: Students who take this course for honors credit will be assigned additional assignments, be given more difficult tests, and be required to give an oral presentation of their research paper. See the <a href="honors addendum">honors addendum</a> posted on the instructor's website.

#### **Teacher:** Kim Merriwether

- M.S. Biology, University of Alabama at Birmingham
- B.S. Secondary Science Education, emphasis in Biology and Chemistry, Auburn University
- Public School Teaching Certificate
- Work experience in clinical lab, science research lab, and teaching on university, home school, and public school levels.

• Homeschooling since 2001.

UHC courses taught:

- Biology
- o Human Anatomy and Physiology Honors

# **British Literature (CP)**

## Grades 10-12, strong 9

Honors option.

Course credit: 1 English (must do grammar at home)

Fees: \$350

#### Required materials (parents must purchase):

- Textbook: English IV: British Literature, from the Institute for Everyday Education.
- Books (no electronic books may be used in the classroom): \*
  - o <u>Beowulf</u> (Bilingual Edition)
  - o <u>The Canterbury Tales</u> (selected) by Geoffrey Chaucer
    - Prologue
    - The Knight's Prologue and Tale
    - The Squire's Prologue and Tale
    - The Pardoner's Prologue and Tale
    - Sir Thopas' Prologue and Tale
    - The Tale of Melibee
    - The Monk's Prologue and Tale
    - The Nun Priest's Prologue and Tale
    - The Canon's Yeoman's Prologue and Tale
    - Here the Maker of This Book Takes His Leave
  - o Sir Gawain and The Green Knight
  - o <u>The Faerie Queen</u> (Book I) by Edmond Spenser
  - o <u>"Hamlet</u>" by William Shakespeare
  - o Paradise Lost by John Milton
  - o <u>Emma</u> by Jane Austen
  - o Jane Eyre by Charlotte Brontë
  - A Tale of Two Cities by Charles Dickens
  - Short Stories: "<u>The Lady in the Looking Glass</u>" by Virginia Woolf; "Eveline" by James Joyce; <u>"Shooting the Elephant</u>" by George Orwell (**Teacher will provide these**.)
  - Essays: Teacher will select and provide.
- Honors books (honors students will choose four, two per semester)\*:
  - "Macbeth" by William Shakespeare
  - o <u>Frankenstein</u> by Mary Shelley
  - o <u>David Copperfield</u> by Charles Dickens
  - o <u>Adam Bede</u>, by George Eliot
  - o Far From the Madding Crowd, by Thomas Hardy
  - o <u>Perelandra</u> (Space Trilogy Book Two), by C.S. Lewis
  - o *Orthodoxy*, by G.K. Chesterton
  - "A Man for All Seasons," by Robert Bolt

#### • Other materials

Three-ring notebook with paper

\*Beowulf summer class with Mrs. Bright can be substituted for one of the above honors assignments. Students who choose this option will be required to make a presentation to the class regarding what they studied. Rubric for this assignment will be posted on the teacher's website.

Additional materials used by the teacher and/or read and viewed in class, including poetry, historical documents, criticism, video, etc., will be listed in a separate document available on the teacher's website.

**Course description:** Welcome to the thousand-year adventure of British literature! We will read important British fiction, nonfiction, poetry, and drama spanning the centuries from before English was a written language through the twentieth century. We will survey the basic chronology of British literature and the major authors and cultural and literary developments of each period, as well as focusing in-depth on each work we read. We will analyze both the literary characteristics and the larger themes of each book, seeking to understand it both on its own terms and in the larger context of the Christian worldview.

**To be successful in this class:** Students must be able to maintain a rigorous reading schedule (50 to 100 pages most weeks), take an active part in classroom discussions, and do written essays and assignments (including a research paper), as well as presentations and tests, demonstrating an understanding of each work.

#### Teacher: Shandi Stevenson

- BA Literature in English Excelsior College 2004
- MA Humanities California State University 2013
- Freelance writer and tutor

#### **UHC** courses taught

- Middle school journalism
- Fifth grade introduction to IEW
- American literature
- Seventh and eighth grade literature analysis
- British literature
- World literature
- SAT prep verbal skills

# **Business Introduction (CP)**

**Grades 10-12** 

Prerequisite: Algebra 1--Students should have access to or knowledge of a work environment.

Course credit: 1 elective

Cost: \$350

#### Required materials (parents must purchase):

- Textbook (purchase either the hard copy or the online version, not both; both available through McGraw-Hill):
  - Glencoe Introduction to Business 2016, McGraw-Hill Education, ISBN 9780021400454 (hard copy)
  - Glencoe Introduction to Business, Online Student Edition, ISBN 9780021426683 (one-year online subscription for \$16.17)
- Other materials:
  - Access to Microsoft Word
  - Access to Microsoft Excel
  - Access to PowerPoint

Course description: An overview of the world of business covering basic economic concepts, owning and operating a business, globalization, personal financial planning, and more. This class provides students with research-based reading strategies and integrated academic activities to build comprehension and reinforce key academic concepts. The students will learn key terms and information about business, as well as project-based learning activities to help them personalize general business information in a way that is relevant. It also will help students build relationship skills at home, school, work, and in the community. They will have opportunities to demonstrate their understanding of the content by solving academic applications involving business education subject matter.

**To be successful in this class:** Students must be able to keep up with assigned reading material, learn terms and information with an understanding of how to apply them in a work environment through class assignments and projects. Students should be able to discuss classroom topics in group settings as well as establish relationships for required team work. Students should come prepared for class every Monday and Wednesday with a desire to learn and work together.

#### **Teacher: Carol Stine**

- BS Degree in Business Management/Marketing Florida Southern College, Lakeland, Florida
- MA in Biblical Counseling Trinity Theological Seminary
- Deaf Ministry First Baptist Pine Hills, Pine Hills, Florida
- Taught basic sign language Covenant Christian School and Calvary Christian School.
- Teacher Pine Hills Christian Academy 3 years, tutored a deaf student through Geometry.
- Teacher/Administrator Calvary Christian School, Winter Garden, Florida 10 years.

• Home Schooled my own children for 8 years.

## UHC courses taught

- o American Sign Language
- o Introduction to Business
- o MS Grammar

## Chemistry with lab (CP)

**Grades 10-12** 

Honors option New Textbook

**Prerequisites:** Algebra I. Completion of Algebra II is highly recommended. While it is possible to take Chemistry and Algebra II concurrently, it does require diligence on the part of the student. At times there are concepts in Chemistry that require math that has not yet been covered in Algebra II. When this occurs, the student who has not yet completed Algebra II may require a math tutor. Because co-op classes meet only twice a week, there is not time for the Chemistry and Physics teachers to teach the math required for these classes.

To ensure that all students taking these classes are proficient in the necessary math concepts before being allowed to register for these courses, the following protocol has been created.

- Students must take the Math for Chemistry and Physics Proficiency Test before registration.
- The test will be administered to all current UHC Biology students. For students not currently enrolled at UHC, the test will be given at registration. Students should come 30 minutes prior to the assigned registration time to take the test.
- If a student does not pass the test, then he should either take the Math for Chemistry and Physics summer class that will be offered from 9 a.m. to noon daily the week August 8-11, 2015 (the week before co-op classes begin) or be tutored in some other way during the summer.
- The summer class is taught by physics teacher Laura Erwin. The \$40 fee is paid directly to the teacher. To sign up for the class: after registration, log on to the UHC website, go to the calendar, and click on the Math for Science Summer Class.

Course credit: 1 lab science

Fees: \$350, plus \$20 lab fee; \$40 for summer math class, if needed

#### Required materials (parents must purchase):

- **Textbook:** *Pearson Chemistry*; Wilbraham, Staley, Matta, Waterman; Pearson Education; ISBN 0-13-252576-3
- Other materials:
  - Scientific calculator. This can be the TI-83 needed for algebra/pre-calculus, but non-graphing calculators, such as TI-30Xa, are sufficient. These cannot be shared. Each student will need one in class.
  - Notebook and pen
  - Composition book with pages sewn in

**Course description:** This course meets and exceeds all South Carolina standards for a college prep high school chemistry course. The following topics will be covered: units of measurements, classifications of matter, chemical and physical change, atomic structure, electron configurations, the periodic table, chemical names and formulas, writing and balancing chemical equations, gram to mole conversions, stoichiometry, limiting reactions, kinetic theory and states of matter, thermochemistry, behaviors of gases, use of gas laws, periodic trends, ionic and covalent bonds, molecular geometry, solutions, reaction rates, equilibrium, acid/base chemistry, and oxidation-reduction reactions.

To be successful in this class: Students will have to read each section to prepare for class time and take notes from lecture during class. Students will be responsible for material in the reading even if it is not discussed in class. Homework assignments will come from book questions as well as supplemental worksheets. Lab experiments will be performed to demonstrate concepts from class. Students will need to write lab reports for each experiment, summarizing results and any calculations done, as well as developing conclusions from the experiment. Test questions will cover material from the reading, from class notes, from homework, and from lab experiments. Test questions can include matching, fill in the blank, short answer and calculations. To prepare to be successful, read How to Pass Chemistry, which is posted on the teacher's website. Parents will be asked to check student's answers on the Study Guide for each module (answers provided in the solutions manual) and proctor tests to insure they are taken fairly.

**Honors option:** Students who take this course for honors credit will be given additional assignments and more difficult tests and will be required to give an oral presentation of their research paper. There is an honors addendum posted on the instructor's website for your records.

Teacher: **Donna McDonald** 

- B.S. Chemistry Wofford College '86
- Pharmacy Tech

UHC courses taught:

- o HS Chemistry
- o HS American Government
- o MS (7/8) Applied Critical Thinking
- o MS (7/8) Literature Analysis
- o MS Intro to Chemistry
- o 6<sup>th</sup> Grade Literature Discussion

# **Christian Worldview (CP)**

Grades 9-12

One-semester class, offered both first and second semester.

Course credit: .5 elective

Fees: \$175

#### Required materials (parents must purchase):

- Books:
  - o Bible
  - o <u>The Reason for God: Belief in an Age of Skepticism</u>, Timothy Keller, Dutton
  - o *Prodigal God*, Timothy Keller
- Other materials:
  - Internet access to listen to assigned sermons

Course description: Since this is a Christian Worldview course, the Bible will be our primary text. Students are expected to bring a Bible to class every day. We will use the ESV in class, but students may bring another translation. The intent of this class is to provide a greenhouse where students can begin, or continue, to develop a heart and mind which love the Lord wholly. To that end, we will employ three main tools: 1) We will listen to explanations of biblical texts; 2) We will read articles about so-called "worldview issues"; and 3) We will discuss these matters openly and respectfully in class.

**To be successful in this class:** Students must listen to the assigned speakers and give well-thought-out responses following the required guidelines set forth in the syllabus. They need to complete the daily reading and participate in class discussions.

#### **Teacher:** <u>Toby Woodard</u>

- BA in Psychology and minor in English from Clemson University
- Masters of Divinity from Covenant Theological Seminary
- Served as a pastor and counselor for 15 years
- Currently a full-time counselor at Miracle Hill's Rescue Mission

#### UHC courses taught:

- o High School Public Speaking
- o Middle School Public Speaking
- o Essay Writing
- o Christian Worldview

## **Economics**

## **Grades 11-12 (strong 10)**

**Honors** 

First semester only

Prerequisite: none

Course credit: .5 history

**Fees:** \$175

#### **Required Texts:**

• **Textbook:** *Exploring Economics*, by Notgrass, ISBN # 1933410973

- Exploring Economics Quiz and Exam Book, by Notgrass, ISBN # 193341085X
- The Stewardship of God's Riches, by Notgrass, ISBN # 1933410981 (The above books can purchased as a set from <a href="Notgrass.com">Notgrass.com</a> or or Children's Books in Greer.)

#### **Required Materials:**

- 100 notecards (3 X 5)
- One 2" three-ring binder, notebook paper (50 sheets), dividers

#### **Highly Recommended:**

- Daily access to computer with internet and word processing capability
- Daily access to newspaper, news magazine, or on-line news source

**Course Description:** In this course, the student will learn the economic history of the United States, as well as terms and concepts used in economics (such as "supply and demand," "gross domestic product," "consumer price index," etc.). The student will also read excerpts from original sources, including such classic works as Adam Smith's *The Wealth of Nations* as well as works from Christian thinkers concerning economic justice and current essays and articles from modern economists. This course will meet or exceed state standards for the high school economics course (see below) and will be taught from a Christian worldview.

**To Be Successful in This Course:** This is a required high school course, aimed at juniors and seniors. Students are expected to complete all reading assignments, take notes in class, participate verbally, and complete all written assignments according to the instructions posted on the teacher's website. Students should expect to spend about one hour per day (5 hours per week) on this course, divided among reading, writing/answering written questions, reviewing class notes, and research (when assigned).

#### **Teacher:** Shannon Keating

- B.A. Duke University 1992
- Major: Public Policy Studies, Certificate: K-6 Elementary Education
- U.S. Air Force 1993-1997—served as protocol and public affairs officer as well as speechwriter for several general officers.
- Volunteer service: Big Brothers/Big Sisters, Boys and Girls Clubs volunteer, Domestic Violence

#### court advocate

- Husband: David, Children: Abigail, Anne Darby, Henry, and Elizabeth
- Extensive experience in written journalism (newspapers, magazines, and speeches) at all levels: high school, college, community newspaper, Air Force publications and assisted in writing children's curriculum for two churches. Teaching experience includes: children and youth in church, camp, and community settings for nearly 20 years, including service as an Awana leader, Sunday School teacher, VBS teacher, Big Brothers/Big Sisters mentor, Girl Scout leader, Good News Clubs teacher, and Girls' Home volunteer.

#### UHC courses taught:

- Journalism and essay writing
- Journalism and research writing
- Economics
- American Government
- IEW 2

# **Engineering 1 (CP)**

Grades 9-12

Course credit: 1 elective

Fees: \$350, plus \$45 project supply fee

#### Required materials (parents must purchase):

- A low-temp glue gun and glue sticks
- Ruler (standard and metric)
- Small hand tools (needle nosed pliers, screwdrivers, coping saw, X-acto knife)
- Graph paper (engineering graph paper or standard ¼ inch)
- Three-ring binder with five tabbed dividers

**Course description:** This course is designed to give an in-depth study of engineering and design through hands-on projects. Units include team building, transportation, architecture, construction, electronics, and various "out of the box" problem-solving projects with an emphasis on real-world applications.

**To be successful in this class:** Students must follow directions and complete projects within the given time frame. Students must be able to work alone and in groups to complete assignments.

#### **Teacher:** Carolyn Collett

- BS degree from Virginia Tech in Technology Education.
- SC certified Technology Education teacher with 8 years of experience in the public schools.
- Served on the curriculum development team for SC Technology Education, textbook adoption advisor, board member of the South Carolina Technology Education Association, and student advisor for the South Carolina Technology Student Association.

#### UHC courses taught:

- o Middle School Engineering
- o Middle School Intro to Physics
- o High School Engineering 1
- o High School Engineering 2

# **Engineering 2 (CP)**

**Grades 10-12** 

Prerequisite: Engineering 1 and teacher approval

Course credit: 1 elective

Fees: \$350, plus \$50 project supply fee

#### Required materials (parents must purchase):

- A low-temp glue gun and glue sticks
- Ruler (standard and metric)
- Small hand tools (needle nosed pliers, screwdrivers, coping saw, X-acto knife)
- Graph paper (engineering graph paper or standard ¼ inch)
- Three-ring binder with five tabbed dividers

**Course description:** This course is designed to let each student focus on projects that are of interest to him or her. Class activities will be open-ended to allow each student to pursue subjects in more depth. The focus of this class is to work from the *Technology Student Association High School Technology Activities* book, which allows students to enter their projects into competition. Students do not have to compete with their projects, but will complete them according to competition guidelines.

**To be successful in this class:** Students must follow directions and complete projects within the given time frame. Students must be able to work alone and in groups to complete assignments.

#### **Teacher:** Carolyn Collett

- BS degree from Virginia Tech in Technology Education.
- SC certified Technology Education teacher with 8 years of experience in the public schools.
- Served on the curriculum development team for SC Technology Education, textbook adoption advisor, board member of the South Carolina Technology Education Association, and student advisor for the South Carolina Technology Student Association.

#### UHC courses taught:

- o Middle School Engineering
- o Middle School Intro to Physics
- o High School Engineering 1
- o High School Engineering 2
- Began teaching at UHC in 2008

# Fine Arts: Elements and Principles of Design & Instrumental Music (CP) Grades 9-12

The art portion of this class is taught on Mondays and the music appreciation portion is taught on Wednesdays.

Course credit: 1 fine arts

Fees: \$350, plus \$35 project fee

#### Required materials (parents must purchase):

- Sketch book, 8x10 or larger
- Graphite pencil set of HB, 2B, 4B, 6B
   (http://www.amazon.com/s/ref=nb\_sb\_noss\_1?url=search-alias%3Daps&field-keywords=grap hite+pencil+set)
- Internet access to listen to assigned music online, or a library card to check out CD recordings of the pieces

Course description (art portion): The elements and principles of design will be explored and understood through their applications in studio art. Drawing, printmaking, painting, collage, pastels and other media will be employed in creative works to increase the understanding of the elements (line, shape, value, form, space, texture and color) and principles (balance, emphasis, unity, contrast, rhythm, pattern, movement) of art. Important historical artists will be introduced throughout this process of learning. While this class will be more advanced than the middle school art of the same theme, it will be accessible to all skill levels including beginners.

**To be successful in this class**: Students will need to bring required materials to class, put forth good effort, and use the guidelines given for each assignment.

Course description (music portion): Music appreciation usually involves music history (Renaissance, Baroque, Classical, Romantic, and Contemporary era), listening and analyzing composer's works, theory, and learning about the basic orchestral instrument families: strings, brass, woodwind, and percussion. This class will deal with these concepts and go beyond. Every class period will be "hands on" with standard instruments such as violin, cello, guitar, piano, percussion, recorder, voice, as well as more unusual instruments such as the dulcimer, Irish whistle, autoharp, mandolin, and more. If you are currently taking private lessons on an instrument, you will learn tools to help you expand your knowledge of the composers, the style from the time period, or why the music was written that way. If you've never played an instrument before, you will have the opportunity to learn ukulele, an extremely popular, easy-to-learn instrument. We will also explore careers in music and music therapy. Some of your assignments will include: attend a concert, create your own group composition, research instruments from other countries, organize a talent show within our class, read and write about a composer or performer past or present, dramatize a famous classical piece, and

participate in my version of "Chopped - musical style." Internet access is necessary.

**To be successful in this class:** Students will need to spend at least two to three hours outside of class, bring a notebook with all handouts and materials to class each week, participate and keep up with homework assignments.

#### **Teacher:** Brooke Woody

- BFA in Studio Art from Clemson University in 2001
- Awarded the highest undergraduate awards for Excellence in Art History and the Best Studio Artist at Clemson
- Taught private art lessons to elementary aged students
- Experiences in theatre set design in Atlanta, GA
- Art teacher for elementary aged students at the Torpedo Art Factory just outside of Washington, D.C.
- Here in Greenville, she continues her own education through classes at the Museum of Fine Art.

#### UHC courses taught:

- Elementary Art
- Middle School Art
- High School Art

Began teaching at UHC in 2011

#### Teacher: Donna Ringenberg

- B.S. in Music Education, English minor from Bob Jones University, 1976
- Current SC Professional Teachers Certificate in Music Ed., and Elementary Ed.
- Taught private piano, organ, strings since 1977
- Taught at Goldsboro Christian School, NC 1977-78, Academy of the Arts, SC 1991-92
   Hampton Park Christian School, SC 1997-99
- Grad work from Converse College, Furman Univ.
- Director, Classic Stringers Home School String Orchestra since 1999, String judge SCACS
   2002, 2003
- Member of the Suzuki Teachers Assoc.
- Listed in Marquis' Who's Who, 2007, 2008

#### Courses taught at UHC:

- o MS Study Skills
- o MS Critical Thinking
- o MS Archaeology
- o MS General Music
- o HS Music Appreciation
- o HS American Literature
- o Beginning Suzuki Violin

- o MS/HS Chorus
- o Elementary Chorus
- Began teaching at UHC in 2005

## **Focused Study Class**

## **Grades 9-12 ONLY\***

\*Available to eighth-grade students taking two or more high school classes.

Course credit: None

**Fees:** \$125

Materials needed will be specific to each student, based on lesson plans sent by parent.

#### Class description:

- This class will have a teacher who will oversee class work, take up cell phones, and monitor computer use.
- This class will follow the same rules as any other formal class with no use of cell phones or iPods, no talking, and no leaving without teacher permission.
- Parents are required to submit a one-time detailed lesson plan showing what the student should be doing during this hour each day that he is at co-op.
- The teacher will collect lesson plans and keep them in a notebook for reference during the school year.
- The teacher will oversee student work and answer questions or offer other help as needed.
- In the event that a student's work assignment changes, the parent will need to send in a new lesson plan.
- If at any time during the year a student says that he has no school work for this clstacybehnke@bellsouth.netass period, the parents will be called and asked to verbally submit work, physically bring work to co-op, or pick up the student and remove him from co-op premises.
- Failure to comply with these classroom rules will result in the student being removed from the Focused Study Class with the understanding that he must be removed from campus during this period each co-op day, and that there will be no refund of the class fee.

#### Sample lesson plan a parent may send:

- 1. Complete all biology work given on the syllabus for Tuesday through Friday of this week.
- 2. In the event that he finishes all of his biology, he needs to read his history and do the questions from his Tapestry syllabus (from home).
- 3. Both syllabi are attached.
- 4. Occasionally he may need to complete an assignment for a co-op class that he has later in the day. Once that is done, he can begin his normal assignments.

#### **Teachers:**

- First period, Donna McDonald
- Second period, Donna Ringenberg
- Third period, Missy Lynch
- Fourth period, Missy Lynch

# **General Literature (CP)**

Grades 9-10

Honors option.

**Course credit:** 1 English (must do grammar at home)

Fees: \$350

#### Required materials (parents must purchase):

• **Textbook:** <u>English II: Literature and Composition</u>, Everyday Education. Available at <u>Everyday</u> <u>Education</u> or at Lifelong Learning

#### Books:

- o <u>Robinson Crusoe</u> by Daniel Defoe
- o <u>Things Fall Apart</u> by Chinua Achebe
- Walden by Henry David Thoreau
- The Count of Monte Cristo Alexandre Dumas
- <u>Heart of Darkness</u> by Joseph Conrad
- o <u>The Screwtape Letters</u> by C.S. Lewis
- o <u>Death Comes for the Archbishop</u> by Willa Cather
- o Julius Caesar by William Shakespeare
- o <u>Ivanhoe</u> by Sir Walter Scott
- The Importance of Being Earnest by Oscar Wilde
- Short stories: "The Lottery," by Shirley Jackson and "The Masque of the Red Death,"
   by Edgar Allen Poe (These are not in the curriculum, but short stories are required for all South Carolina literature courses. Stories will be provided by teacher.)
- Poetry: Various poets (These are not in the curriculum, but poetry is required for all South Carolina literature courses. Poems will be provided by teacher.)
- Honors books (honors students will choose four, two per semester)\*:
  - <u>The Narrative Life of Frederick Douglas</u>
  - Pride and Prejudice, Jane Austen
  - o *Hamlet*, William Shakespeare
  - o <u>A Pilgrim's Progress</u>, John Bunyan
  - Great Expectations, Charles Dickens
  - o <u>Beowulf</u>

#### • Other materials:

- Three-ring notebook
- Paper

**Course description:** General Literature provides a robust array of novels, drama, and poetry. Students will be encouraged to develop critical thinking skills while analyzing great literature; develop writing skills and build vocabulary; and learn the basic components of literature (vocabulary, plot analysis,

<sup>\*</sup>Beowulf summer class with Mrs. Bright can be substituted for one of the above honors assignments. Students who choose this option will be required to make a presentation to the class regarding what they studied. Rubric for this assignment will be posted on the teacher's website.

character analysis, etc.) Communicating through the written and spoken word will be essential components of this class. Grades will be based on essays, tests, projects, and class participation.

**To be successful in this class:** Must be able to maintain a rigorous reading schedule, take an active part in classroom discussions, write responses to the works read, and pass tests and quizzes on the works read and a heavy vocabulary load.

#### **Teacher:** Amy Bright

- Education: bachelor's and master's degrees in English, both from Bob Jones University (2001 and 2004)
- Teaching experience: more than 10 years as an English and drama teacher in public and private schools; adjunct professor at Greenville Technical College
- UHC courses taught:
  - American Literature
  - General Literature
- Began teaching at UHC in 2014

Honors option.

**Prerequisite:** Algebra 1. To take this as an honors course, a student must meet one of the following criteria AND have a recommendation from his last math instructor:

- Score 95% or better in Algebra 1 or Algebra 2 CP course.
- Score 90% or better on the math composite of the Stanford Achievement or IOWA.
- Score 93% or better in Algebra 1 Honors or Algebra 2 Honors course.

Exceptions made only upon written request of parent and a conference with the geometry teacher.

Course credit: 1 math

**Fees:** \$350

#### Required materials (parents must purchase):

- **Textbook**: *Discovering Geometry-An Investigative Approach*, 3<sup>rd</sup> Edition; ISBN 1559534591
- Other materials:
  - o Calculator with basic trigonometric functions (sin, cos, tan)
  - o Bow compass
  - o Protractor
  - o Straight edge
  - o Ruler
  - o Mechanical pencil
  - o Blank (unlined) paper
  - o Internet access to visit <a href="https://www.Khanacademy.org">www.Khanacademy.org</a> (for content reinforcement)

**Course description:** This class covers traditional high school geometry topics in a non-traditional manner. It does not teach the student geometric principles, but rather guides the student thru an exploration process in which the principles, properties, and theorems are discovered. Consequently, class time will often involve small group activities, where the students work cooperatively.

**To be successful in this class:** Come to class prepared to work, textbook and other supplies in hand, homework completed and checked. Be ready to participate in class discussion when the bell rings. Homework assigned daily. Expect to spend approx 30 to 60 minutes on the work outside of class. It is the responsibility of the student and parents to be certain it is completed at home. Questions on homework will be answered during class.

**Honors option:** Honors students will complete one additional homework assignment per chapter, which often requires algebra to be integrated into solving geometry problems. In addition, there will be two projects assigned each semester. Students will be able to choose from a broad choice of projects, such as research papers, art projects, model building, and problem-solving. At least one of the quarterly projects will be presented orally in class.

# Teacher: Tami Ryon

- Education: bachelor's degree in mathematics and master's degree in mathematical science, both from the University of Central Florida
- Teaching experience: adjunct professor at Greenville Technical College, math tutor
- UHC courses taught:
  - o Algebra 1
  - o Algebra 2
  - o Pre-calculus
  - o SAT Prep Math
  - o Geometry
- Began teaching at UHS in 2004

Geometry (CP) Grades 9-11

# Honors option.

**Prerequisite:** Algebra 1. To take this as an honors course, a student must meet one of the following criteria AND have a recommendation from his last math instructor:

- Score 95% or better in Algebra 1 or Algebra 2 CP course.
- Score 90% or better on the math composite of the Stanford Achievement or IOWA.
- Score 93% or better in Algebra 1 Honors or Algebra 2 Honors course.

Exceptions made only upon written request of parent and a conference with the geometry teacher.

Course credit: 1 math

**Fees:** \$350

## Required materials (parents must purchase):

- Textbook: Discovering Geometry-An Investigative Approach, 3<sup>rd</sup> Edition; ISBN 1559534591
- Other materials:
  - o Calculator with basic trigonometric functions (sin, cos, tan)
  - o Bow compass
  - o Protractor
  - o Straight edge
  - o Ruler
  - o Mechanical pencil
  - o Blank (unlined) paper
  - o Internet access to visit <a href="https://www.khanacademy.org">www.khanacademy.org</a> (for content reinforcement)

**Course description:** This class covers traditional high school geometry topics in a non-traditional manner. It does not teach the student geometric principles, but rather guides the student thru an exploration process in which the principles, properties, and theorems are discovered. Consequently, class time will often involve small group activities, where the students work cooperatively.

To be successful in this class: Text and materials are to be brought to class each day. Student will be expected to spend approximately one hour working on geometry outside of class time per day. In general, two new lessons will be taught during each class meeting, and daily homework will be assigned. Tests will be given to be taken at home, proctored by a parent. Good reasoning skills are critical to geometry; some of these skills will be developed during the course of study, but incoming students need to be able to follow a series of "if-then" statements to a logical conclusion. The ideal Honors Geometry student is one who enjoys solving puzzles and is willing to wrestle with challenging problems before asking for help.

**Honors option:** Honors students will complete one additional homework assignment per chapter, which often requires algebra to be integrated into solving geometry problems. In addition, there will be two projects assigned each semester. Students will be able to choose from a broad choice of projects, such as research papers, art projects, model building, and problem-solving. At least one of

the quarterly projects will be presented orally in class.

# **Teacher:** Laura Erwin

- Education: bachelor's degree in mechanical engineering from San Jose State University
- Teaching experience: math tutor for more than 25 years, taught math and geometry at homeschool co-ops as well as algebra and geometry to small groups, conduct summer science camps and SAT math prep classes.
- UHC courses taught
  - Consumer math
  - Honors geometry
  - Honors and CP physics
  - Computer applications
- Began teaching at UHC in 2006

# **Human Anatomy & Physiology**

**Grades 11-12** 

# **Honors**

New textbook (2nd Edition)

Prerequisites: Biology and Chemistry; instructor approval for current UHC students

Course credit: 1 lab science

**Fees:** \$350, plus \$25 lab fee

## Required materials (parents must purchase):

#### Textbooks:

- Exploring Creation with Advanced Biology The Human Body, Apologia, 2<sup>nd</sup> Edition
- Exploring Creation with Advanced Biology The Human Body Test and Solutions Manual, Apologia, 2<sup>nd</sup> Edition
- o Darwin's Black Box: The Biochemical Challenge to Evolution, Michael J. Behe

#### • Other materials:

- Lab notebook with the pages sewn in (an inexpensive one is fine)
- Colored pencils
- Access to a printer

**Course description:** This is an honors level class for the mature student with a strong interest in science. Students will be expected to read text material before class. They should attain a basic understanding of the material before coming to class. In class they will be expected to participate in class discussions and laboratory exercises. Class time will be spent reinforcing and supplementing material in the text rather than presenting the material to the student for the first time. Students will be required to do additional reading, writing, and a project.

Topics covered will include body organization, cellular structure and function, body tissues, the integumentary and skeletal systems, skeletal histology and movement, muscle histology and physiology, the skeletal muscle system, neurons and neuroglia, the central nervous system, the peripheral nervous system, the endocrine system, the cardiovascular system, the lymphatic system, the digestive system, the respiratory system, the urinary system, and the reproductive system. Dissections of an eye, brain, kidney, heart, and fetal pig will be performed.

To be successful in this course: Students must be able to read and take notes on each chapter and understand what they read. They must be independent enough to check the website regularly and come to class prepared for that day's activity. Students should allow for three to five hours of reading and study time each week, be able to communicate their knowledge of the material during class discussions and on tests, turn assignments in on time, and follow directions for lab activities and write ups.

Parents will be asked to check student's answers on the Study Guide for each module (answers provided in the solutions manual) and proctor tests to insure they are taken fairly.

**Honors:** An honors addendum for your course records will be found on the teacher's website.

#### **Teacher:** Kim Merriwether

- Education: BS in secondary science education with an emphasis in biology and chemistry from Auburn University, master's degree in biology from the University of Alabama at Birmingham
- Teaching experience: has taught university, home school and public school classes
- Certification: public school certificate
- UHC courses taught:
  - Biology
  - Human anatomy and physiology
  - Life science
- Began teaching at UHC in 2007

#### **Teacher:** Dawn Vanasse

- Education: BS in Physical Education and Recreation (minors in English and Biology) from Winthrop University
- Teaching experience: taught eighth grade science for five years, teaching assistant in physics and astronomy at Greenville Technical College
- Certifications: Biology, Physical Education, Middle School Science
- UHC courses taught:
  - o Elementary: South Carolina History, Presidents, Critical Thinking, Art
  - SAT Prep Verbal
  - General Science
  - Physical Science
  - Life Science
- Began teaching at UHC in 2005

# **Intro to Computer Programming CP**

Grades 9-12

**Prerequisite:** Completed Algebra 1 and concurrent or completed Geometry. The Math prerequisite is due to the reasoning skills essential to writing programs; therefore, students must have basic math skills. No prior programming experience is necessary, but students are expected to already know how to use computers. Specifically, they should be familiar with using a keyboard and mouse to select and run programs, navigate application menu systems, and generally interact with their operating system. Students should understand how to load and save files on the hard disk and how to use the built-in operating system applications like Windows Explorer or Mac OS Finder to navigate a file system and directory structures. It is helpful to also have some familiarity with text editors and using web browsers to find information on the Internet.

Course Credit: 1 required elective in Computer Programming

**Fees:** \$350

# Required materials (parents must purchase):

- TeenCoder: Java Programming curriculum which is downloaded to your laptop computer. The cost will be between \$70 -\$100. We are currently working with the publisher to negotiate a final cost.
- A laptop computer (must be brought to each class) that has a HTML5-compliant web browser, and a high speed Internet connection. The student's computer must also be able to view PDF files. The student will also complete hands-on activities using 3rd party software on a computer, and that computer must meet the the minimum hardware and software requirements listed on the curriculum's site:
   <a href="http://www.compuscholar.com/support/docs/Minimum\_Requirements.pdf">http://www.compuscholar.com/support/docs/Minimum\_Requirements.pdf</a>
- Instructions for installing necessary programs will be provided over the Summer.

**Course Description:** This class will teach students the basics of Computer Programming using the curriculum *TeenCoder: Java Programming.* 

Each of the 25 chapters in TeenCoder: Java Programming course contains one or more hands-on programming labs where students will design or implement programs to demonstrate understanding of the lesson topics. Students will get the opportunity to work on individual and group projects and will experience all phases of a project lifecycle, including requirements, design, implementation, and testing.

**To be successful in this class,** in addition to the two class sessions each week, students should expect to spend an additional three to five hours outside of class working on the various assignments. Students will need a persistent high-speed internet connection to complete the assignments. Students will need to access their student JupiterGrades account regularly to submit assignments.

Students must come ready to work the first day of class!

**Teacher:** Laura Erwin

- Education: bachelor's degree in mechanical engineering from San Jose State University
- Teaching experience: math tutor for more than 25 years, taught math and geometry at homeschool co-ops as well as algebra and geometry to small groups, conduct summer science camps and SAT math prep classes.
- UHC courses taught
  - Consumer math
  - Honors geometry
  - Honors and CP physics
  - Computer applications
- Began teaching at UHC in 2006

# Intro to High School Writing CP

Grades 8-10

Prerequisite: none

Course Credit: 1 English Elective

Course Cost: \$350 plus books and materials

### Required Books and Materials:

• Textbook: Student Writing Intensive Level C Notebook and Packet (\$19) found online <a href="here">here</a>.

- Student will need to have DAILY access to a computer with Microsoft Word (or compatible word processing program) and INTERNET —hand-written assignments will not be accepted
- 1 three-ring binder with dividers and notebook paper for note-taking

#### Course Description:

This is a new course for UHC this year. We have discovered over the course of the last several years that many of our high school students have not had an opportunity to take the IEW series we offer in middle school and, consequently, are finding themselves at a disadvantage when it comes to high school writing required in our other courses (literature, government, science, etc.). This course from the makers of IEW assumes no previous IEW experience and is written at the high school level. Students will leave this course with a solid foundation for all types of high school writing, including documentation. We will also practice the types of essays used in college admissions applications and on the SAT.

From the IEW website: "[This] writing course for high school students new to IEW lays a solid foundation of writing skills. . . . [S]tudents will learn how to effectively use a wide range of structural models and stylistic techniques in their compositions, as they write on a variety of enjoyable fiction and non-fiction topics.

**To be successful in this class,** the students should plan on completing a writing or editing assignment each week. The student should plan to spend an average of 5 hours per week outside of class working on writing and editing assignments. The most successful students will have parents who edit and review their student's work and encourage completion of every assignment. Additionally, mastering word processing skills will help the student to generate written work more efficiently.

### Teacher **Shannon Keating**

- B.A. Duke University 1992
- Major: Public Policy Studies, Certificate: K-6 Elementary Education
- U.S. Air Force 1993-1997—served as protocol and public affairs officer as well as speechwriter for several general officers.
- Volunteer service: Big Brothers/Big Sisters, Boys and Girls Clubs volunteer, Domestic Violence court advocate
- Husband: David, Children: Abigail, Anne Darby, Henry, Elizabeth, and Nicholas
- Extensive experience in written journalism (newspapers, magazines, and speeches) at all

levels: high school, college, community newspaper, Air Force publications and assisted in writing children's curriculum for two churches. Teaching experience includes children and youth church, camp, and community settings for nearly 20 years, including as a public school teacher (5<sup>th</sup> grade), Awana leader, Sunday School teacher, VBS teacher, Big Brothers/Big Sisters mentor, Girl Scout leader, Good News Clubs teacher, and Girls' Home volunteer.

Teacher at UHC since 2007

Courses taught at UHC: 1<sup>st</sup> Grade, Government, Economics, Writing/Journalism, *Rising Tide* Newspaper Advisor

# Journalism and Research Writing CP Grades 9-12

Prerequisites: IEW or Intro to HS Writing, and student may be asked to submit a writing sample.

Course Credit: 1 English Elective

Fees: \$350

# **Required Materials:**

- **Textbooks:** A Manual for Writers of Research Papers, Theses, and Dissertations, 8th edition by Kate L. Turabian. ISBN-13: 860-1300157443 ISBN-10: 0226816389 Amazon link: .
- Inside Reporting: A Practical Guide to the Craft of Journalism, 3rd Edition (2009) by Tim
  Harrower (Be sure to order the 2009 edition) ISBN #0073378917. (In the case of the
  journalism book, please pay attention to the edition. I have chosen a slightly older version to
  keep the costs down—the new version is over \$100! The 2009 edition can be had for
  between \$30-\$40)
- One 2" three-ring binder, notebook paper (50 sheets), dividers
- One composition notebook to be used as a writing journal
- Student will need to have DAILY access to a computer with Microsoft Word or compatible word processing program and INTERNET —hand-written writing assignments will not be accepted.

### **Highly Recommended:**

- Daily access to computer with internet and word processing capability
- Daily access to newspaper, news magazine, or on-line news source
- (optional) Digital camera or cell phone for taking photos for student newspaper

### **Course Description:**

Writing is more important than ever—in this world of Facebook, on-line news, and Twitter, Christian journalists must know how to write timely, succinct, and—most importantly of all—truthful reports of the events going on around us. Whether journalists or not, all Christians must learn how to interpret and comment on the issues of our day with both strength of argument and gentleness of speech. In this course, the student will be a vital part of a real student newspaper staff! This class will publish the UHC paper, The Rising Tide, including writing the stories, laying out the articles, and publishing and distributing the paper. We will focus on good journalistic writing—how to write news stories, feature stories, and editorials. We will also learn how to write effective memos, press releases, and letters to the editor. We will even learn to craft a good "tweet" and to start a blog. Just as importantly, we will learn how to thoroughly and carefully research a topic or event and write about it. Students will learn how to use AP style for news writing, as well as MLA style for college writing. They will learn to conduct good, thorough research including book, magazine, academic journal, personal interview, and—of course—GOOD web research (no Wikipedia!) while writing research papers and essays. They will learn to properly document their work by the use of internal citations and a works cited page.

Please note that the Turabian book is a new one for this class. It has sold over 9 million copies and has been updated 8 times! It is considered the "gold standard" for academic research and will be a great handbook for our students to take to college.

To be successful in this class: The student must write from different genres (journalistic report, editorial, research essay, research report, etc.) The student will submit written assignments of varying lengths for each class period. These assignments should be typed. The student will be required to write articles for the student newspaper as a part of the class grade. The student may also have to meet outside of class to work on the newspaper if deadlines are not met. Teacher will strive to have these meetings, if necessary, on co-op days. Mastering word processing skills will help the student to generate written work more efficiently. On average, students should expect to spend about 5 hours per week on homework outside of class (weeks with newspaper deadlines may be more demanding). \*\*\*Note\*\*\*If a student wishes to be part of the newspaper staff, but cannot fit this class into his/her schedule, student may serve as a staff reporter. All articles assigned will still be graded by Mrs. Keating, and grades will be a averaged into student's English grade (whether being taught at co-op or home).

## **Teacher: Shannon Keating**

- Education: bachelor's degree from Duke University (1992)
- Teaching experience: nearly 20 years teaching children and youth in church, camp and community settings
- Certification: K-6 elementary education
- UHC courses taught:
  - Journalism and essay writing
  - Journalism and research writing
  - Economics
  - American Government
- Began teaching at UHC in 2007

# **Physical Science (CP)**

Grades 8-9

Honors option.

Prerequisite: Student should be taking, or have already taken, Algebra I.

**Course credit:** 1 science (does not count as a lab science)

Fees: \$350, plus \$15 lab fee

## Required materials (parents must purchase):

#### Textbooks:

- Exploring Creation with Physical Science 2<sup>nd</sup> edition, Jay Wile, Apologia, ISBN 193201277X
- Solutions and Tests for Exploring Creation with Physical Science, ISBN 1932012788

#### Other materials:

- Notebook paper
- Calculator

**Course description:** This is designed to be the science course that a student takes before biology. It includes topics such as: atmosphere, hydrosphere, weather, structure of the earth, environmentalism, physics of motion, Newton's Laws, gravity, and astrophysics. Students are given daily reading assignments and take all tests at home. The class time consists of lecture and lab experiments. Students also will be taught to write a scientific lab report to document the experiments done in class.

**Summer work, due first day of co-op:** Please be aware that there is work due the first day of class. I will send the details for this assignment at the beginning of August. They will do all of Module 1, including the On Your Owns, two labs, the study guide, and the test. The only thing that needs to be handed in to me, in a sealed envelope, is the test. This envelope can be business-sized and will be sealed and signed across the flap by you. This signature is a testament to the fact that you followed testing guidelines.

**To be successful in this class:** Complete the weekly reading assignments, lab reports, and homework questions. Turn all tests and other assigned work in on time as well as participate in the classroom discussions.

**nors option**: Honors students will be required to do a research paper and presentation due by the end of first semester and a year-end project and presentation second semester. With these extras, this course meets and exceeds the state standards for a college preparatory course and thus falls into the Honors category.

## **Teacher:** Dawn Vanasse

- Education: bachelor's degree in physical education and recreation (minor in English and biology) from Winthrop University
- Teaching experience: taught eighth grade science for five years, teaching assistant in physics and astronomy at Greenville Technical College

- Certifications: biology, physical education, middle school science
- UHC courses taught:
  - o Elementary: South Carolina History, Presidents, Critical Thinking, Art
  - o SAT Prep Verbal
  - o General Science
  - Physical Science
  - o Life Science
- Began teaching at UHC in 2005

Physics (CP) Grades 11-12

Honors option.

## **Prerequisites:**

- Algebra 1, Algebra 2, and Geometry.
- Pre-Calculus is a co-requisite or prerequisite if a student chooses the Honors option.
- NOTE: Because co-op classes meet only two days a week, there is not time for the Physics and Chemistry teachers to teach the math required for these classes. Many of the students have not done some of the math (such as unit conversions) since middle school, and some may not have had it at all. To ensure that all students taking these classes are proficient in the necessary math concepts before being allowed to register for these courses, the following requirement has been implemented.
  - Students must take the Math for Chemistry and Physics Proficiency Test before registration.
  - The test will be administered to all current UHC Biology and Chemistry students. For students not currently enrolled at UHC, the test will be given at registration. Students should come 30 minutes prior to the assigned registration time to take the test.
  - If a student does not pass the test, then he should either take the Math for Chemistry and Physics summer class that will be offered from 9 a.m. to noon daily the week August 8-11, 2015 (the week before co-op classes begin) or be tutored in some other way during the summer.
  - The summer class is taught by physics teacher Laura Erwin. The \$40 fee is paid directly to the teacher. To sign up for the class: after registration, log on to the UHC website, go to the calendar, and click on the Math for Science Summer Class.

Course credit: 1 lab science

Fees: \$350, plus \$20 lab fee; \$40 for summer math class, if needed

### Required materials (parents must purchase):

- **Textbook:** Physics Principles and Applications, 5<sup>th</sup> Edition, Giancoli, ISBN 0-13-061143-3
- Other materials:
  - Calculator with trig functions (sin, cos, tan); must be brought to class every day
  - Three-ring binder with unlined paper, or engineering pad; no spiral notebooks!
  - Pencil
  - Straightedge and protractor
  - Computer with Internet access. Several of the labs will be virtual labs. These may be started in class and completed at home. In addition, it is highly recommended that students use a word processor and spreadsheet applications to complete lab reports.

**Course description:** Concepts to be covered include: mechanics, waves, electricity and magnetism, and light and optics. The student will be expected to read the text and complete assigned problems at

home. About one-third of class time will be spent on demonstrations and lab experiments that reinforce the principles in the text. The remainder of class time will be spent working thru sample problems and clarifying concepts learned. Lab write-ups will be finalized at home and turned in to be graded. Periodic tests will be taken at home under a parent's supervision and turned in to the teacher for grading.

To be successful in this class: Must be willing and able to spend at least an hour to an hour and a half per day, in addition to class time, for studying and homework; must be disciplined and diligent; must be able to solve a system of two equations with two unknowns; work with the basic trig functions within a right triangle; be able to do unit conversions and work with numbers in scientific notation; must be able to combine principles from previous chapters with the material learned in the current chapter, recognizing that physics concepts are not compartmentalized, but rather bridge across several topics; be able to answer conceptual problems as well as solve equations; be willing and able to work on the summer assignments, which will be collected at the first class meeting and graded.

**Honors option:** Within each chapter studied, there are a few additional sections that Honors level students will cover. These sections typically require a higher level of mathematics in order to solve the problems; therefore, the Honors student must have taken or be taking Pre-Calculus. There will be accompanying practice problems and questions on the tests. In addition, Honors students will complete one additional unit of study (Fluid Mechanics), typically over the Christmas break, which will require independent study, homework, and a lab assignment.

#### **Teacher:** Laura Erwin

- Education: bachelor's degree in mechanical engineering from San Jose State University
- Teaching experience: math tutor for more than 25 years, taught math and geometry at homeschool co-ops as well as algebra and geometry to small groups, conduct summer science camps and SAT math prep classes.
- UHC courses taught
  - Consumer math
  - Honors geometry
  - Honors and CP physics
  - Computer applications
- Began teaching at UHC in 2006

# **Pre-Calculus (CP)**

**Grades 10-12** 

Honors option.

**Prerequisites:** Algebra 1, Algebra 2, and Geometry. In order to take the Honors course option, one of the following criteria must be met AND student must have a recommendation from their last math instructor:

- Score 95% or better in Algebra 2 AND Geometry CP courses.
- Score 93% or better in Algebra 2 Honors and Geometry Honors course.

Exceptions made only upon written request of parent and a conference with Pre-Calculus teacher

Course credit: 1 math

**Fees:** \$350

## Required materials (parents must purchase):

- **Textbook:** *Pre-Calculus: Graphical, Numerical, Algebraic* (2010) ISBN 0131369067; available through used booksellers such as Amazon or directly from Prentice Hall
- Other materials:
  - o TI-83 plus or TI-84 graphing calculator
  - o Protractor
  - o Internet access to visit www.Khanacademy.org (for content reinforcement)

**Course description:** Pre-Calculus intended to prepare the student for Calculus I. The focus is on a further study of algebraic functions with an integration of trigonometry. Topics to be covered are polynomial, rational, exponential, logarithmic, piece-wise, and trigonometric functions. Additional topics include sequences, series, vectors, conic sections, parametric equations, and polar curves. The algebra and trigonometry will be enhanced through the use of the graphing calculator.

**To be successful in this class:** Students will be expected to spend at least two hours outside of class for every one hour in class, working on problems from the textbook. They will be given assignments and chapter tests to complete at home and a midterm and final exam to complete in class.

**Honors option:** Honors students must complete and turn in extra problems, which are more advanced, from the textbook. In addition, they must complete four projects. Each semester they will write a one- to two-page biography on a famous mathematician. They will present their papers orally in class. (These papers count as two projects.) Also, each semester students will choose a mathematical project from a list is on the teacher's website. They will work on their projects at home and turn them in to be graded. (These are the other two Honors projects.)

#### Teacher: Tami Ryon

- Education: bachelor's degree in mathematics and master's degree in mathematical science, both from the University of Central Florida
- Teaching experience: adjunct professor at Greenville Technical College, math tutor
- UHC courses taught:
  - o Algebra 1

- o Algebra 2
- o Pre-calculus
- o SAT Prep Math
- o Geometry
- Began teaching at UHC in 2004

SAT Prep (CP) Grades 9-12

Offered second semester only.

**Prerequisite:** At least two of the three following courses, but three is preferred: Algebra 1, Geometry, and Algebra 2.

Course credit: .5 (elective)

Fees: \$175

### **Required Books and Materials:**

• the Official SAT Study Guide, as published by the College Board. ISBN 9781457304309

 Available at <u>www.barnesandnoble.com/w/the-official-sat-study-guide-college-board-the/1122340</u> 725?ean=9781457304309#productInfoTabs

• Any scientific calculator that is on the lis t of approved calculators for the SAT

**Course description, math portion:** This course will be geared toward preparing the student to take the new version of the SAT which will be given starting in March of 2016. Practice is key to doing well on the SAT. There will be a graded Math homework assignment each week. Students should expect to spend at least one to two hours each week working on the math portion of SAT prep.

**To be successful in the math portion this class:** Students must be willing to "think outside the box," as the types of problems seen on the SAT often will not be like problems seen in a traditional math course. The student should approach these problems as a puzzle to solve. Students who have some gaps in their basic math knowledge should be willing to spend some additional time filling those gaps.

**Course description, verbal portion:** This class will prepare students for the reading and writing portions of the SAT by equipping them with an overview of the test, a review of the basic skills it requires, and an array of tips and strategies designed to maximize speed and accuracy on the verbal portions of the test. The class will also address differences between the "old" and "new" versions of the SAT; most of the strategies used on the verbal section remain essentially the same for the new test, with some slight differences of emphasis.

**To be successful in the verbal portion of this class:** Students should plan to take thorough notes, to participate in class activities, and, most importantly, to invest approximately one to two hours on weekly graded assignments, most of which will involve portions of practice tests.

#### **Teacher:** Laura Erwin

- Education: bachelor's degree in mechanical engineering from San Jose State University
- Teaching experience: math tutor for more than 25 years, taught math and geometry at homeschool co-ops as well as algebra and geometry to small groups, conduct summer science camps and SAT math prep classes.
- UHC courses taught

- Consumer math
- Honors geometry
- Honors and CP physics
- Computer applications
- Began teaching at UHC in 2006

# Teacher: Shandi Stevenson

- Education: diploma from New Tribes Bible Institute (1999), bachelor's degree in literature in English from Excelsior College (2004), master's degree in humanities from California State University (2013)
- UHC courses taught
  - o Middle school journalism
  - o Fifth grade introduction to IEW
  - American Literature
  - Seventh and eighth grade literature analysis
  - o British literature
  - World literature
  - SAT prep verbal skills
- Began teaching at UHC in 2009

Spanish 1 (CP) Grades 8-12

Course credit: 1 foreign language

Fees: \$350

#### Required materials (parents must purchase):

#### Textbooks:

o Avancemos! 1, student text, ISBN 0554025310. Can be purchased used from a member of last year's class or from most online booksellers.

## Optional purchases (available through Houghton Mifflin Harcourt, if not other sources):

- o ISBN 9780547278896, online access Level 1 (2010)
- o ISBN 9780554025315, online student text (2010)

#### Other materials:

- o Loose-leaf notebook with four dividers, or spiral notebook
- o Computer with Internet access to use classzone.com, the website used with the curriculum

**Course description:** Spanish 1 is designed to teach secondary students the basics of the Spanish language. The text and class cover greetings, numbers, days of the week, the alphabet, snack foods and beverages, telling time, classes, locations, family, household items and chores, sports, health, parts of the body, vacation, and leisure activity vocabulary; verb conjugations, both regular and irregular; commands; definite and indefinite articles; reflexive verbs; direct and indirect object pronouns; possessive adjectives; and more.

**To be successful in this class:** Students need to participate in class, do the weekly homework assignments and submit them at the appointed time. Students are expected to spend 30 minutes a day outside of class working on assignments or studying.

#### **Teacher**: Gina Harlan

- Education: bachelor's degree in public relations journalism, minor in Spanish
- Teaching experience: 13 years teaching and substitute teaching, including fifth grade, junior and senior high arts, keyboarding, Spanish, piano, and other subjects
- UHC courses taught:
  - o Spanish 1, Spanish 2
- Began teaching at UHC in 2011

Spanish 2 (CP) Grades 9-12

**Prerequisite:** Spanish 1

Course credit: 1 foreign language

Fees: \$350

### Required materials (parents must purchase):

#### Textbooks:

o *Avancemos! 2,* student text, ISBN 0-554-02532-9. Can be purchased used from a member of last year's class or from most online booksellers.

### Optional purchases (available through Houghton Mifflin Harcourt, if not other sources):

- o ISBN 9780547278902 online access Level 2 (2010)
- o ISBN 9780554025322 online student text Level 2 (2010)

#### Other materials:

- o Loose-leaf notebook with four dividers, or spiral notebook
- o Computer with Internet access to use classzone.com, the website used with the curriculum

**Course description:** Spanish 2 is a continuation of the course work begun in Spanish 1. It reviews personality, feelings, daily activities, and routines vocabulary covered in Spanish 1. The new materials covered includes travel, vacation, sports and health, daily routines, clothes and shopping, legends and stories, past and present, food and food preparation, family and family relationship vocabulary as well as direct/indirect object pronouns, further conjugations in preterite tense, imperfect tense, usted/ustedes/tu' commands, subjunctive, comparatives and superlatives, future tense, and more.

**To be successful in this class:** Students need to participate in class, do the weekly homework assignments and submit them at the appointed time. Students are expected to spend 30 minutes a day outside of class working on assignments and studying.

#### **Teacher**: Gina Harlan

- Education: bachelor's degree in public relations journalism, minor in Spanish
- Teaching experience: 13 years teaching and substitute teaching, including fifth grade, junior and senior high arts, keyboarding, Spanish, piano, and other subjects
- UHC courses taught:
  - o Spanish 1
  - o Spanish 2
- Began teaching at UHC in 2011

# **Video Production**

Grades 9-12

Course Credit: 1 elective

Course Cost: \$350

## **Required Materials:**

- Laptop with Video Editing
- Editing software will be provided

**Course Description:** This course is geared towards those who have an interest in video editing, producing or directing. The exercises and class assignments done during class sessions are slanted to help students gain a basic knowledge of a video production (editing, directing, acting, etc.). Primarily this course is designated a laboratory course with assignments done under deadlines. There will be lecturing and class discussions.

Specific examples of on-the-air broadcasting (news programs, commercials, etc.) will be presented in class and analyzed, and occasionally guest speakers will be invited in to speak, along with field trips to local news corporations in the Greenville area. Students will learn terms, ethics, camera procedures, etc. before any actual production can begin.

This class is designed for 9th - 12th grade students. The maximum number of students allowed for this course is 12 to ensure maximum understanding of the course material.

#### To be successful in this class the student should:

- Be highly motivated
- Be willing to try all aspects of video production
- Have good computer skills
- Be able to communicate in a positive manner with teachers and other students
- Be able to meet deadlines
- Be willing to work with others keeping in mind the good of the group over the individual
- Understand that editing is part of the territory and can become tedious at times

#### **Teacher:** Matt DeHart

- Travelers Rest High School '14
- Bob Jones University '18 (Mass Communication Major)
- Owner & Operator of the Devildog Sports Network Radio Station (Travelers Rest, SC)
- ESPN Producer/Director
- On Air Talent Greenville News "Sideline Live" Show
- Roper Mountain Science Center "Film Production" Instructor

# World Geography (CP)

Grades 9-12

Honors Option
Prerequisites: none

Course Credit: 1 History

Course Cost: \$350

### **Required Text and Materials:**

- **Textbook:** *Glencoe World Geography and Cultures Student Edition* **ISBN 13**: 9780078745294 This book can be purchased from online used booksellers as well as the publisher.
- Books:
  - Selections from Genesis, John, and Romans
  - Selections from the Koran
  - The Art of War by Sun Tzu
  - o <u>The Bhagavad-gita</u>
  - o <u>Warfighting</u> The Department of the Navy
- 3-ring notebook for holding class handouts and paper for taking notes

**Course Description**: World Geography and Cultures studies the idea of Place and people's relationships to Place and each other. Students will study maps and map reading and then enter an overview of major world countries, cultures, and religions. Grades will be based on essays, objective tests and quizzes, projects, map tests, and class participation.

**To be successful in this class**, students must be able to maintain a rigorous reading schedule; take an active part in classroom discussions; write responses to the works read; and pass tests and quizzes on the works read and keep up with map studies.

**Honors Work:** Students will do a full presentation over a country's history, geography, and culture, read one literary work important to that country, and write a paper.

### **Teacher:** Amy Bright

- B.A. English 2001 Bob Jones University
- M.A. English 2004 Bob Jones University
- Recipient of the President's Award
- Greenville Technical College, currently Adjunct Professor
- Vanguard Christian Academy, currently English and Drama teacher
- Hanalani Public Schools, English and Drama teacher 2004-2010
- Teacher Paxon School for Advanced Studies, English and Drama teacher 2011-2012
- Freelance Writer

Teacher at UHC since: 2014

# Courses taught at UHC:

- American Literature
- Gen Literature
- World Geography and Cultures

# World Literature (CP)

Grades 10-12, strong 9

Honors option.

**Course credit:** 1 English (must do grammar at home)

**Fees:** \$350

## Required materials (parents must purchase):

- Textbook: English V: World Literature, from the Institute for Everyday Education.
- Books (no electronic books may used in the classroom)\*
  - o <u>The Odyssey</u> by Homer
  - Antigone by Sophocles
  - o <u>The Aeneid</u> by Virgil
  - o The Divine Comedy: The Inferno by Dante
  - <u>Don Quixote</u> by Miguel de Cervantes
  - <u>Les Miserables</u> by Victor Hugo
  - o Faust by Johann Wolfgang von Goethe
  - "The Death of Ivan Ilyich" by Leo Tolstoy
  - Out of Africa (excerpts) and "Babette's Feast" by Isak Dinesen
- Honors Books (honors students will choose four, two per semester)\*:
  - o <u>The Iliad</u> by Homer
  - "Oedipus Tyrannus" by Sophocles
  - The Divine Comedy: Paradiso by Dante
  - o The Confessions by St. Augustine
  - Cry the Beloved Country, by Alan Paton
  - <u>"The Master Builder,"</u> by Henrik Ibsen
  - The Shadow Line, by Joseph Conrad
  - o <u>"Prison Poems of Dietrich Bonhoeffer"</u> by Dietrich Bonhoeffer

#### Other materials:

Three-ring notebook

\*Beowulf summer class with Mrs. Bright can be substituted for one of the above honors assignments. Students who choose this option will be required to make a presentation to the class regarding what they studied. Rubric for this assignment will be posted on the teacher's website.

Additional materials used by the teacher and/or read and viewed in class, including poetry, historical documents, criticism, video, etc., will be listed in a separate document available on the teacher's website.

Course description: Welcome to the world of literature! During this course we will read important

works from throughout history and from all over the world. We will read works of fiction, nonfiction, drama, and poetry, and place each work in the larger context of world history. We will consider each work of literature both on its own terms and in the context of the Christian worldview.

**To be successful in this class:** Students must be able to maintain a rigorous reading schedule, (50 to 100 pages most weeks), take an active part in classroom discussions, and do written essays and assignments (including a research paper), as well as presentations and tests, demonstrating an understanding of each work.

# Teacher: Shandi Stevenson

- Education: diploma from New Tribes Bible Institute (1999), bachelor's degree in literature in English from Excelsior College (2004), master's degree in humanities from California State University (2013)
- UHC courses taught
  - Middle school journalism
  - Fifth grade introduction to IEW
  - American Literature
  - Seventh and eighth grade literature analysis
  - British literature
  - World literature
  - SAT prep verbal skills
- Began teaching at UHC in 2009

Yearbook (CP) Grades 10-12

**Prerequisite:** Students wishing to register for the Yearbook class must submit an application. Upon application review, first-year yearbook students being considered for acceptance will be asked to submit two references from UHC co-op teachers. Applications and evaluations must be approved by instructor before a student may sign up for this class. Students who apply for yearbook must have attended UHC for at least one year prior to application. Applications can be found here: <a href="Teacher Evaluation">Teacher Evaluation</a>, <a href="Yearbook application for first year students">Yearbook application for returning students</a>.

Course credit: 1 elective

Fees: \$350, plus \$15 Yearbook Camp fee; \$50 laptop rental fee, if necessary

#### Required materials (parents must purchase):

#### Books:

- o *Jostens 123 Student Yearbook Guide* (New students only; returning students should have this text)
- o *The Radical Write,* rented from UHC for \$10 (\$25 paid at registration and \$15 reimbursed when book is returned to UHC in the spring)

#### • Other materials/requirements:

- Laptop computer to bring to class every day through the end of January. If the student does not have a computer, one can be rented for \$50. Please contact the instructor if a rental is necessary.
- o Internet access. (Yearbook production will be done using an online program.)
- o Yearbook camp in late summer.

**Course description:** The objective of this class is to familiarize students with putting together a school yearbook. This will involve, but is not limited to: teamwork, community involvement, sales skills, graphic design, writing, leadership, and computer skills.

In order to consistently produce a quality, student-driven book, the student will be asked to make a minimum two-year commitment to yearbook staff. The first-year student will study the following: how to assemble a book, teamwork, sales skills, and design or business basics. The second- or third-year student will be asked to take a leadership role in guiding teams, editing, production planning, and business management or be given the flexibility to work in a new area of book production. This course is more than just a class for individual credit. Because we produce a book for sale, the class is structured similarly to a small business. Our co-op, our advertisers, and our fellow staff members expect that we provide a quality product. The effort of each student affects the final result. This means that there will be times during the year when this course must become a priority over other activities including but not limited to jobs, other classes, and/or sports. We have three to four deadlines between October and January that require us to devote a significant amount of time to editing. The student will be expected to make sure their assigned pages are ready to go to press.

There will be two summer meetings for new staffers. In late July, a short meeting will be held to plan advertising sales strategies. A mandatory two-day yearbook staff retreat (Yearbook Camp) in August is necessary to prepare the staff for the upcoming year. The student should plan to attend the entire retreat, leaving Greer on Friday morning and returning late Saturday afternoon. In addition to the two mentioned above, second-year students may be asked to attend various planning or editorial meetings during the summer and throughout the school year. All yearbook students are expected to attend parent night, showcase night, and participate in fundraising efforts including selling ads.

Class size is limited with prior approval by instructor. This class is designed for students in grade 10-12, and they will be given priority in the selection process. If there are available spots remaining, students in grade 9 will be considered on an individual basis. If you have met the prerequisite criteria and are interested in being on yearbook staff, please contact the instructor, Missy Lynch at <a href="mlynch@upstatecoop.org">mlynch@upstatecoop.org</a>.

**To be successful in this class:** Students should be highly motivated, have good computer skills, be skilled at communication with teachers and other students, be able to meet deadlines, be willing to work with others keeping in mind the good of the group over individual preferences, be aware this book is not to showcase the yearbook staff and their friends but is to be representative of the co-op as a whole from kindergarten to twelfth grade, and understand that editing one's work is part of the process.

What prior students have to say about yearbook: "When I look back at my experiences with yearbook ad sales, I am so grateful for the contacts I made. Although a lot of hard work went into selling ads, to this day I have people I have established a relationship with and who trust me. In one instance, I was able to suggest a friend for a job offered by a company I sold a yearbook ad to. He got the job and the employer got a great employee." - Stuart Floyd

"Yearbook was great for me because I was always creative, but I never really knew how to hone that skill. Yearbook taught me to be creative, but also that I can't be too over the top. It also taught me to be a team player because if you don't do your share, everyone else suffers and vice versa." - Stephanie Ibbotson

#### **Teacher**: Missy Lynch

- Education: bachelor's degree in psychology from the University of SC, graduate of Financial Peace University and Dave Ramsey's Entre-leadership One Day
- Courses taught at UHC:
  - o Yearbook
  - o Personal finance
- Began teaching at UHC in 2004