

ORANGEBURG PREPARATORY SCHOOLS, INC.

{course descriptions}
Courses



2013-2014

Revised 9.17.13

ORANGEBURG PREPARATORY SCHOOLS, INC.

13-14 COURSE DESCRIPTIONS GUIDE

Orangeburg Prep seeks to provide a comprehensive curriculum for students. The program is designed to include adequate flexibility, thereby enabling the student to meet his or her individual needs.

A student's program of studies should be individually planned with the help of teachers, the guidance counselor, and parents. It is extremely important that careful thought and consideration be given to selecting courses.

To be eligible for graduation from Orangeburg Prep, a student must earn a total of twenty-four (24) units of credit distributed as follows:

Requirements	Credits	
English	4	English I, II, III, and IV
Math	4	Algebra I, II, Geometry, and 1 credit math elective above Geometry
Science	4	Physical Science, Biology I, Chemistry, Biology II, Honors Physics, AP Chemistry
Social Science	3	World History, U.S. History, Government, and Economics or Hon. U.S. History, AP History*
Foreign Language	2	Two consecutive units of the same language (3 are recommended for most S. C. colleges or universities, but Clemson requires 3 credits.)
Computer Science	1	
P. E. (non-academic)	1	
Fine Arts	1	
Electives	<u>4</u>	
Total	24	

*Those students taking A.P. History will have four (4) units of social studies.

At least twenty-one (21) units **must** be weighted, and three (3) may be non-academic.

Orangeburg Preparatory Schools, Inc., admits students of any race, color, and national or ethnic origin.

A normal course load for a student at Orangeburg Prep is six (6) daily courses. This may include several ½ credit courses. (Grades 8-12)

CONSIDERATIONS GOVERNING COURSE SELECTION

A. Mathematics

1. It is **strongly recommended** that a student have an "80" in Algebra I before taking Algebra II.
2. It is **strongly recommended** that a student have an "80" in Algebra II before taking College Math.
3. All seniors **SHOULD** take a math course.

B. Science

1. Students who are planning to enroll in Chemistry I are reminded that Algebra II is a prerequisite, or it must be taken concurrently.
2. Students interested in careers requiring post-high school study in science or related areas are strongly advised to take Honors Physics, and/or Honors/AP Chemistry. Upper level mathematics should be a part of the program.

C. Foreign Language

*Students must begin their study of a modern foreign language in the 9th grade.

1. It is recommended that a student have an "80" in a Level I course before taking Level II.
2. Students are to take at least two consecutive years of a foreign language, but students are encouraged to take 3 years of a foreign language.
(Clemson currently requires 3, and others are contemplating following suit next year)

Excessive absences which are not medically documented, may cause a student not to receive credit for a course(s).

HONORS PROGRAM

Honors courses at Orangeburg Prep are designed for those students who have shown ability and motivation in the subject area. Honors courses will require more in-depth study of texts and more independent work from students than college prep course selections.

Students in Honors classes are selected through a process that considers teacher recommendation, academic achievement, standardized test scores, work ethic, motivation, and conduct. Grades in Honors courses will be computed on a 4.5 scale. These areas are used by the subject teachers when making the required recommendations.

GRADE POINT AVERAGE

A quality point system is used to determine grade point averages. Grades earned in all academic courses, including courses taken for credit in the eighth grade, are used to compute GPA's. Advanced Placement courses are computed on a 5.0 scale. Honors courses are computed on a 4.5 scale. College prep courses are computed on a 4.0 scale.

AP COURSES

AP English 12	APEX On-line AP Chemistry
AP Calculus	APEX On-line AP Physics
AP U.S. History	APEX On-line AP Biology

HONORS COURSES

H. English 9 H. English 11	H. English 10
H. Algebra I H. Geometry H. Calculus	H. Algebra II H. Pre-Calculus
H. Physical Science H. Chemistry	H. Biology H. Physics
H. French IV H. Spanish IV	H. U.S. History H. World History

INSTRUCTIONS FOR REGISTRATION

Students will be given registration forms and the information concerning teacher approval. *Students should discuss their course selection with their parents.*

Once a student has received his schedule of courses at the beginning of the 2012-2013 school year, he/she will have ten days for yearlong courses, or five days for semester courses to make adjustments.

Explanation of courses: All year-long courses (Grades 9-12)* receive one unit of credit upon the successful completion of the year's work. A ½ credit is awarded for the successful completion of a semester course.

All courses are academic unless noted as non-academic in the course description.

*Exception: In the 8th grade, Honors Algebra I, and P.E. receive 1 unit of credit for each course upon successful completion.

Excessive absences which are not medically documented, may cause a student not to receive credit for a course(s).

2013-2014 Course Descriptions

Revised December 16, 2013

Course	Description
ENGLISH	
LANGUAGE SKILLS 6	A basic grammar and composition course. Emphasis is on the parts of speech and their function in the sentence. Introductory writing instruction develops and supports those other skills.
READING 6	A course designed to: A) Develop a student's understanding and appreciation of literature; B) Continue the development of reading, vocabulary, and spelling skills. Parallel and summer reading is required.
LANGUAGE SKILLS 7	The basics of grammar and writing, as well as basic research methods, are stressed.
READING 7	A course designed to: A) Develop a students' understanding and appreciation of literature; B) continue the development of reading, vocabulary, and spelling skills. Parallel and summer reading is required.
READING 8	A comprehensive study of literature along with the skills of reading. The traditional literary genres – short fiction, poetry, the novel, and drama – are examined. Parallel and summer reading is required.
ENGLISH I 1 Credit Weighted	A comprehensive study of literature along with the skills and mechanics of composition. The traditional literary genres--short fiction, poetry, the novel, and drama--are examined. Paragraph and essay construction, as well as reading and research skills, are continued. Parallel and summer reading is required.
HONORS ENGLISH I 1 Credit Weighted	A comprehensive study of literature along with the skills and mechanics of composition. The traditional literary genres--short fiction, poetry, the novel, and drama--are examined. Paragraph and essay construction, as well as reading and research skills, are continued. Parallel and summer reading is required. (Admission is based on a score of 90+ on the Stanford Reading test, and a 90 average in English 8)
ENGLISH II 1 Credit Weighted	A chronological survey of important American authors, literary works, and historical periods. Parallel and summer reading is required.
HONORS ENGLISH II 1 Credit Weighted	The second year of a three-year Honors program, American Literature (Honors) works toward preparing the student for success in AP English. The course involves an in-depth study of American literature which emphasizes literary analysis. Parallel, and summer reading assignments are required. (Prerequisite: 85 average in 9 th grade English Honors and teacher recommendation or <i>exceptional</i> achievement in 9 th grade English with teacher recommendation.)

ENGLISH III 1 Credit Weighted	A chronological survey of British literature along with continued refinement of students' composition and writing skills. Parallel and summer reading are required.
HONORS ENGLISH III 1 Credit Weighted	The third year of a three-year Honors program, British literature (Honors) works toward preparing the student for success in AP English. The course involves an in-depth survey of British literature with an emphasis on literary analysis and on honing writing skills. A literary research paper, parallel, and summer reading assignments are required. (Prerequisite: 87 average in American Literature Honors and teacher recommendation, or <i>exceptional</i> achievement in American Literature with teacher recommendation.)
ENGLISH IV 1 Credit Weighted	An introduction to various literary works and informational texts ranging from ancient to contemporary. Classical and western masterpieces are emphasized. Parallel and summer reading is required.
AP ENGLISH LITERATURE AND COMPOSITION 1 Credit Weighted	An in-depth study of the main literary genres with an emphasis of literary analysis and essay construction, the course stresses the fundamentals of close reading and literary history and terminology. It also provides an introduction to and extensive preparation for the Advanced Placement (AP) English Literature and Composition Exam. Parallel and summer reading assignments are required. (Prerequisite: 89 average in Honors British Literature 11 or <i>exceptional</i> achievement in British Literature 11; teacher recommendation; writing test)
MATH	
MATH 6	A course emphasizing mastery of basic mathematical concepts and operations involving whole numbers, fractions, and decimals. Geometry, percentages, and integers are introduced.
MATH 7	This course is the first course that students take in the Prentice Hall series in the OPS curriculum. Course 2 consists of a structured approach to a variety of topics such as ratios, percents, equations, inequalities, geometry, graphing, and probability. It is intended for 7 th grade students of low to high average ability levels. It is followed by Pre-Algebra in the 8 th grade.
PRE-ALGEBRA	This course is designed to provide an introduction to algebra and aid in the transition from elementary mathematics to algebra. Emphasis is on prerequisite skills and concepts for algebra.
ALGEBRA I 1 Credit Weighted	Algebra I covers numerical and algebraic expressions, linear relations and functions, linear inequalities, systems of linear equations and inequalities, factoring quadratics, exponents, simplifying radicals, solving rational equations, and giving the students techniques to solve real world problems.

HONORS ALGEBRA I 1 Credit Weighted	Honors Algebra I covers basic algebra including simple equations, polynomials, quadratic equations, graphing linear equations, solving systems of linear equations, quadratic relations and functions, radicals, and giving the student techniques to solve everyday problems. (Prerequisite: teacher recommendation, a 93 in 7 th grade Pre-Algebra and acceptable scores on standardized tests.)
ALGEBRA II 1 Credit Weighted	Honors Algebra II covers and extends concepts from Algebra I with the additional topics of matrices, logarithms, conic sections, rational expressions and equations, and giving the students techniques to solve real world problems.
HONORS ALGEBRA II 1 Credit Weighted	Honors Algebra II covers and extends concepts from Honors Algebra I with the additional topics of matrices, conic sections, rational expressions and equations, sequences and series, logarithms, and giving the students techniques to solve real world problems. (Prerequisite: At least an 85 in Honors Algebra I and teacher recommendation), a TI-83+ or TI-84+ graphing calculator will be required.)
GEOMETRY 1 Credit Weighted	In general geometry, applications of geometric concepts are stressed with an introduction to formal proof. (Prerequisite: Algebra I and II,.)
HONORS GEOMETRY 1 Credit Weighted	In Honors Geometry, applications of geometric concepts are stressed with an introduction to formal proof.
COLLEGE MATH 1 Credit Weighted	<u>COLLEGE MATH</u> is a comprehensive study of advanced mathematical concepts including trigonometry, exponential and logarithmic functions, conic sections, and sequences and series.
PRE-CALCULUS 1 Credit Weighted	A comprehensive study of advanced mathematical concepts with a strong emphasis on trigonometry, function theory, and analytical geometry. (Prerequisite: A student must have a strong background in the fundamentals of Algebra and Geometry. A graphing calculator is required.)
HONORS PRE-CALCULUS 1 Credit Weighted	A comprehensive study of advanced mathematical concepts with a strong emphasis on trigonometry, function theory and analytical geometry. (Prerequisite: Teacher recommendation; A graphing calculator is required. A student must have completed and received at least an 85 or higher in Honors Algebra II and an 88 in Honors Geometry or College Math.)
AP CALCULUS 1½ Credit Weighted	A college level course designed for mathematically gifted students who have demonstrated exceptional ability in Honors Algebra I, Honors Algebra II, Honors Geometry and Honors PreCalculus. Includes a rigorous study of differential and integral Calculus. Extensive use of the graphing calculator will be integrated into the course. This course has a mandatory lab period

	every day. (Prerequisite: Teacher recommendation.)
SAT PREP ½ Credit Weighted elective	SAT Prep is a semester course designed to prepare our students for taking the SAT and ACT tests. Students will be taught test-taking strategies as well as be exposed to practice problems like they will see on the actual test.
APPLIED MATH ½ Credit Weighted Elective	<u>APPLIED MATH</u> is a semester course in basic mathematical computations and using these skills to become a wiser consumer.
STATISTICS ½ Credit Weighted Elective	<u>STATISTICS</u> is a semester course in elementary statistics and probability. (Prerequisite: Algebra I and Algebra II).
SCIENCE	
SCIENCE 6	This course will teach students about plant structures and functions, animal structures and functions, atmosphere and weather, and energy.
LIFE SCIENCE 7	This course is designed to form a basic foundation for studies in the science of botany, cells, life classifications, body systems, and ecology. This course also demonstrates how to perform science experiments.
EARTH SCIENCE 8	Earth Science is the study of the Earth including rocks, soils, oceans, and the atmosphere.
PHYSICAL SCIENCE 9 1 Credit Weighted	Physical science involves the study of basic concepts in physics and chemistry. This course will prepare students for further study in the secondary school by involving them in inquiry, investigation and discovery. Students will develop process skills and critical thinking skills to be prepared for later study in physics and chemistry-oriented classes.
HONORS PHYSICAL SCIENCE 1 Credit Weighted	Honors Physical Science involves the study of basic concepts in physics and chemistry. This course will prepare students for further study in the secondary school by involving them in inquiry, investigation and discovery. Students will develop process skills and critical thinking skills to be prepared for later study in physics and chemistry-oriented classes.
BIOLOGY I 1 Credit Weighted	This course is designed to form a foundation for studies in the science of living things.

HONORS BIOLOGY I 1 Credit Weighted	This course is designed to form a foundation for studies in the science of living things in an accelerated format. (Prerequisite: Teacher recommendation.)
BIOLOGY II 1 Credit Weighted	A comprehensive coverage of plants, invertebrates, vertebrates, and human anatomy and physiology
HONORS BIOLOGY II 1 Credit Weighted	A comprehensive coverage of human organ systems, plants, invertebrates and vertebrates in an accelerated format. (Prerequisite: teacher recommendation.)
CHEMISTRY I 1 Credit Weighted	Students will acquire a knowledge of the composition, properties and interactions of substances. This knowledge will serve as a foundation for postsecondary education and provide them with the skills necessary to be successful in chemistry-oriented technical careers. Students will engage in problem solving, decision making, critical thinking and applied learning.
HONORS CHEMISTRY 1 Credit Weighted	Chemistry will provide a fundamental knowledge of the substances in our world – their composition, properties, and interactions-that should not only serve them as a foundation for the more advanced science courses in secondary and postsecondary education but should also provide them with the science skills that are necessary in chemistry-oriented technical careers. Students will engage in problem solving, decision making, critical thinking, and applied learning.
PHYSICS 1 Credit Weighted	This is designed to enable students to acquire a fundamental knowledge of basic concepts and problem-solving techniques of classical physics.
SOCIAL STUDIES	
UNITED STATES HISTORY 6	A continuation from the 5 th Grade. A survey of United States History from post-reconstruction to the present.
SOUTH CAROLINA HISTORY 7	A survey course covering South Carolina from the first Americans to the 20th century.
GLOBAL STUDIES 8	Three quarters will be a survey of world history from ancient civilizations through the Enlightenment. Emphasis is given to the countries contributing to the civilization of the Western World. One quarter will be a study of civics to introduce basic government principles and how to be a responsible American Citizen.

WORLD HISTORY 9 1 Credit Weighted	A survey of world history from the Renaissance to Modern History.
U.S. HISTORY 10 1 Credit Weighted	In this course, you will learn not only the facts of U.S. History, but also explore the reasons for and the results of the events. You will discuss the dilemmas faced by Americans, the choices available to them, and the reasons they chose to act as they did. In addition, you will study and interpret primary sources to get a clearer picture of historical events.
AP UNITED STATES HISTORY 1 Credit Weighted	An in-depth study of U.S. History from colonization to the present. This course familiarizes students with the Advanced Placement exam format.
GOVERNMENT ½ Credit Weighted	A semester course survey of the government of the United States with an emphasis on the U.S. Constitution is covered in one semester
ECONOMICS ½ Credit Weighted	Economics is a semester course study of basic principles and practices of economics in one semester
SPORTS IN AMERICAN LIFE ½ Credit Weighted	This semester class will examine the inner workings of the business side of sports.
FOREIGN LANGUAGE All of the foreign language classes utilize the Language Learning Laboratory featuring the Symposium Digital Language Lab System for aural as well as oral comprehension.	
FRENCH 6 (Required)	To gain an understanding of France and its language through the study of French culture and civilization and to make connections between France and the United States by linking foreign language study with language arts, social studies, reading and math.
FRENCH 7 (Required)	French 7 th grade is a Foreign Language exploratory program and a continuation of French 6. Students meet once a week for one class period. Emphasis is on culture, civilization, and language of France and the French speaking world as it relates to the world of a 7 th grade student.
FRENCH I	An introduction to the French language and diversity of the French speaking world. Emphasis is placed on oral communication and cultural awareness

<p style="text-align: center;">1 Credit Weighted *Required</p>	<p>supplemented by grammar and vocabulary. Students learn to read as well as express themselves in writing. A research project may be required.</p>
<p>FRENCH II 1 Credit Weighted *Required</p>	<p>A continuation of the methods used in French I. Emphasis is placed on improving oral proficiency through in-depth study of grammar and vocabulary. Reading and writing skills are reinforced. Cultural awareness is expanded and a research project may be required. (An 80 average in French I is strongly recommended.)</p>
<p>FRENCH III 1 Credit Weighted Elective</p>	<p>A continuation of French II with increased on proficiency in all areas of speaking, listening, reading, and writing. Cultural materials are expanded to include classic literary works, and contemporary problems. Students will maintain a portfolio of written and oral presentations. A research project may be required. (An 80 average in French II is strongly recommended.)</p>
<p>HONORS FRENCH IV 1 Credit Weighted Elective</p>	<p>A continuation of French III with increased proficiency in all areas of speaking, listening, reading and writing, through the study of French and Francophone literature. Students will be expected to use French extensively in the classroom and maintain a portfolio of written and oral presentations. A research project may be assigned. (Prerequisite: An 85 average in French III or teacher recommendation.)</p>
<p>SPANISH I 1 Credit Weighted *Required</p>	<p>An introduction to the Spanish language and diversity of the Spanish speaking world. Emphasis is placed on oral communication and cultural awareness supplemented by grammar and vocabulary. Students learn to read as well as express themselves in writing. A research project may be required.</p>
<p>SPANISH II 1 Credit Weighted *Required</p>	<p>To help each student achieve a developing level of proficiency in listening, reading, writing and speaking in a way that makes language learning a meaningful, communicative activity; to help each student make comparisons between his own language, culture and civilization and that of the Spanish language; to present the language within the context of the Spanish speaking world and its culture in a way that allows for connections to the other disciplines such as art, literature, music, and social studies. (Prerequisites: An 80 average in Spanish I is strongly recommended.)</p>
<p>SPANISH III 1 Credit Weighted Elective</p>	<p>A continuation of Spanish II with increased emphasis on proficiency in all areas of speaking, listening, reading and writing. Cultural material is expanded to include reading, classic literary works, and contemporary problems. Students will maintain a portfolio of written and oral presentations. A research project may be required. (Prerequisites: An 80 average in Spanish II is strongly recommended.)</p>

HONORS SPANISH IV 1 Credit Weighted Elective	A continuation of methods used in Spanish III with increased proficiency in speaking, listening, reading, and writing emphasized through the study of Spanish and Latin American literature. Students will be expected to use Spanish extensively in the classroom and maintain a portfolio of written and oral presentations. A research project may be assigned. (Prerequisite: And 85 average in Spanish III and/or teacher. (Prerequisite: An 85 average in Spanish III or teacher recommendation.)
COMPUTER	
COMPUTER CONCEPTS I 9th grade 1 Credit Weighted *Required	A comprehensive overview of the workings and parts of the personal computer. Students learn how to set up a computer system and how to maintain it at peak performance. This course gives students a Hands-on approach to learning the computer and some of the programs they will need throughout the years.
PHYSICAL EDUCATION	
PHYSICAL EDUCATION 6	A comprehensive overview of the workings and parts of the personal computer. Students learn how to set up a computer system and how to maintain it at peak performance. This course gives students a Hands-on approach to learning the computer and some of the programs they will need throughout the years.
PHYSICAL EDUCATION 7	A course in sports and games with emphasis on developing basic fundamental skills, improving physical fitness, and stressing good sportsmanship in team play.
PE/HEALTH 8 1 Credit Non-weighted *Required	A program of physical activity stressing physical fitness, knowledge of the rules and regulations of sports and games, and promote sound attitudes and practices in the proper care of their bodies.
LIFETIME FITNESS ½ Credit Non-weighted Elective	This is a semester course with participation in activities that stress the importance of lifetime activities on stress reduction and healthy lifestyles.
ARTS AND HUMANITIES	
ART 6 (Required)	The 6th Grade Art classes meet once a week on a rotation for the entire school year. 6th grade art is a continuation of the study art elements and principles and the art of various world cultures.
ART 7 (Required)	The 7th Grade Art classes meet once a week on a rotation for the entire school year. 7th grade art continues the study of artist elements and principles along with a concentration on Western Art

<p>HIGH SCHOOL ART ½ Credit Non-weighted Elective</p>	<p>A semester course where students will study the principles and elements of art and design. High School art classes study modern art periods and famous artist from the 19th-21st centuries. This exploration will focus on Modern and Post Art Periods of Western Art and the influences on Graphics and Architectural Structure. Projects will range from printmaking, sculpture, painting, and drawing in various media. Students will have the opportunity to develop techniques and methods for self-expression.</p>
<p>MUSIC THEORY ½ Credit Weighted Elective</p>	<p>A beginning semester course in the fundamentals of music. Course consists of a study of musical elements, terminology, rhythm, and music notation, including the staff, clefs, notes, intervals, scales, modes, chords, keys and signatures. Develops a basic understanding of basic elements and structures in music.</p>
<p>MUSIC 6 (Required)</p>	<p>The weekly 6th grade music rotation class is the underlying support for the OPS beginning band program as well as the middle school drama program. Since the weekly class is such an integral part of these two programs, the students will be able to have a variety of experiences each week during the year. These students also play a very big part in the OPS Christmas program as well as the SCISA Fine Arts Festival. The class meets once per week.</p>
<p>MUSIC 7 (Required)</p>	<p>The weekly 7th grade music rotation class is part of the underlying support for the OPS beginning band program as well as the middle school drama program. Since the weekly class is such an integral part of these two programs, the students will be able to have a variety of experiences each week during the year. These students also play a very big part in the OPS Christmas program as well as the SCISA Fine Arts Festival. The class meets once per week.</p>
<p>PHOTO JOURNALISM Non-weighted Elective</p>	<p>This course will focus on telling the stories of our community through photographs. Students will work as photographers for both The Indian yearbook staff and OP school Tribal Talk newsletter. Assignments may consist of photographing sports, activities, news events, and any other subjects chosen by the editorial staffs or advisors.</p>
<p>PUBLIC SPEAKING ½ Credit Weighted</p>	<p>Public Speaking is a semester course with an in-depth study of the kinds of speeches and the techniques used to deliver any of the speeches successfully that one might be required to give.</p>
<p>SENIOR SEMINAR (Required) No academic credit)</p>	<p>Senior Seminar is a course for all seniors which will meet every Friday during sixth period. This course will include etiquette, public speaking, “real life” experiences, job/college interviewing, appropriate attire for special occasions, personal finances, and other topics pertinent to those moving on to college or a career. This course will be required for all seniors.</p>

DUAL CREDIT COURSES	
ECO 211 Microeconomics	This course includes the study of the behavior of households and firms including supply and demand, elasticity, price/input in different market structures, pricing of resources, regulations, and comparative advantage and trade.
ENG 101 English Composition I	This is a university transfer course in which the following topics are presented: a study of composition in conjunction with appropriate literary selections, with frequent theme assignments to reinforce effective writing. A review of standard usage and the basic techniques of research are also presented.
ENG 102 English Composition II	This is a university transfer course in which the following topics are presented: development of writing skills through logical organization, effective style, literary analysis, and research. An introduction to literary genre is also included. Prerequisite: ENG 101 with a grade of "C" or better.
PSY 201 General Psychology	This course includes the following topics: an introduction to the basic theories and concepts in the science of behavior, scientific method, biological bases for behavior, perception, motivation, learning, memory, development, personality, and abnormal behavior.