

# Lee-Scott Academy

## Course Catalog

**2010-2011**

This catalog is to serve as a guide for briefly describing the courses offered at Lee-Scott Academy. This is not all-encompassing. Materials, topics, curriculum, etc. are subject to change from year to year. The courses listed in this guide may not necessarily be offered every year.

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# Language Arts

## **English 7**

Grade Level: 7

Length of Course: All Year

Pre-requisite(s): English 6

Supplemental Readings: *The Watsons Go to Birmingham*, *The Witch of Blackbird Pond*, *Hatchet*, *Tangerine*

Field Trips: Alabama Shakespeare Festival

Course Description:

Students will respond in writing to many different types of prompts. They will demonstrate an understanding of the core essay structures, including narrative, descriptive, expository, and persuasive. Students will conduct research, individually, and collaboratively, utilizing all aspects of the research process. Another goal is to develop and use extended vocabulary through reading, listening, and writing. In order for students to exhibit proficiency in writing, they must be taught the elements of the writing process. We focus on these key elements: prewriting, drafting, revising, editing, and publishing. Using the writing workshop structure, students learn these elements and how to incorporate them into their personal adaptation of the writing process. Finally, it is important for students to know and apply the principles of grammar and usage in writing, speaking, and presenting.

## **Reading/Writing Enrichment 7**

Grade Level: 7

Length of Course: All Year

Co-requisite(s): English 7

Supplemental Readings: *Code Orange*, *Hoot*, *Sasquatch*, *Elephant Run*

Field Trips: Craftmasters Printers (Auburn, AL)

Course Description:

The mission of this curriculum is to provide reinforcement for student skills in vocabulary, reading comprehension, and writing. Over the course of the semester, students will learn approximately 350 vocabulary words they will need to know for the ACT, as well as have an opportunity to become “published” authors through inclusion of their best work in *The Writers’ Block*, the LSA English Enrichment webzine---accessible from the main LSA web page at [www.lee-scott.org](http://www.lee-scott.org).

## **English 8**

Grade Level: 8

Length of Course: All Year

Pre-requisite(s): English 7

Supplemental Readings: *The Giver*, *The Once and Future King*, *The Call of the Wild*, *The Diary of Anne Frank*

Field Trips: Alabama Shakespeare Festival

Course Description:

Students will analyze various forms of literature including the following: poetry, short stories, novels, plays, folk tales, myths, epics, nonfiction, and science fiction. Vocabulary instruction will include an examination of word origins, denotation and connotation, classification, and context clues. Students will experiment with many different writing genres as they begin to internalize the writing process. They will use graphic organizers to pre-write, focus on content, reorder paragraphs, make needed corrections, and explore publishing options. The rules of capitalization, punctuation, usage, and spelling will be covered extensively.

# Language Arts

## **Reading/Writing Enrichment 8**

Grade Level: 8

Length of Course: All Year

Co-requisite(s): English 8

Supplemental Readings:

Field Trips:

Course Description:

The mission of this curriculum is to provide reinforcement for student skills in vocabulary, reading comprehension, and writing. This course will enrich the English 8 curriculum and be taken all year on an alternating schedule.

## **English 9**

Grade Level: 9

Length of Course: All Year

Pre-requisite(s): English 8

Credit: 1

Supplemental Readings:

Field Trips: Alabama Shakespeare Festival

Course Description:

This course is to improve writing and reading skills. Each student will know all the aspects of the language tested on the ACT verbal and reading comprehension sections. Therefore, the class will write papers: example, question-answer, periodic sentence, if-by-whisky, extended definition, to name a few. Grammar will be a study that reflects and corrects errors made in writing: subject-verb agreement, pronoun-antecedent, comma splices, run-ons, fragments, parallelism, to name a basic few. Literature will be short stories, poetry, essays from *The New Yorker*, and two novels.

## **English 10**

Grade Level: 10

Length of Course: All Year

Pre-requisite(s): English 9

Credit: 1

Supplemental Readings: *The Great Gatsby*, *Lord of the Flies*, *The Scarlet Letter*, *A Separate Peace*,  
*Antigone*, *Julius Caesar*

Field Trips: Alabama Shakespeare Festival

Course Description:

This course is designed to improve reading and writing skills. Literature types include short stories, poetry, novels and drama. Writing includes poetry, essays, and paragraphs. Grammar will be reinforced in their writing.

# Language Arts

## **English 11**

Grade Level: 11

Length of Course: All Year

Pre-requisite(s): English 10

Credit: 1

Supplemental Readings:

Field Trips: Alabama Shakespeare Festival

Course Description:

This is a reading and writing course. Students will read non-fiction essays, short stories, plays, novels, poems, letters, speeches: they will determine the main idea, the what, and the structure, the how. The course teaches the writing of narrative, expository, analytical, and argumentative essays on a variety of subjects: politics, history, science, and personal experience. For those structures, the content will frequently come from rhetorical analysis, the ability not just to say what the main idea is but to show how the writer crafted the idea. Therefore, the course will teach tropes and schemes. Recognizing the terms is good; knowing the effect of them is crucial. To evaluate the interplay of structure and content, the course will teach appeals to logos, pathos, and ethos, and the common fallacies of reasoning. The course will show writing to be a developing creation. Therefore, there will be rough drafts, teacher conferences, peer review, and final drafts. The final peer review will be the whole class reading the best of the students' papers and noting their strengths.

## **Advanced Placement English Language & Composition**

Grade Level: 11

Length of Course: All Year

Pre-requisite(s): English 10 and Teacher Recommendation

Credit: 1

Supplemental Readings:

Field Trips: Alabama Shakespeare Festival

Course Description:

This is an advanced reading and writing course, with the potential to earn college credit. Students will read non-fiction essays, short stories, plays, novels, poems, letters, speeches: they will determine the main idea, the what, and the structure, the how. The course teaches the writing of narrative, expository, analytical, and argumentative essays on a variety of subjects: politics, history, science, and personal experience. For those structures, the content will frequently come from rhetorical analysis, the ability not just to say what the main idea is but to show how the writer crafted the idea. Therefore, the course will teach tropes and schemes. Recognizing the terms is good; knowing the effect of them is crucial. To evaluate the interplay of structure and content, the course will teach appeals to logos, pathos, and ethos, and the common fallacies of reasoning. The course will show writing to be a developing creation. Therefore, there will be rough drafts, teacher conferences, peer review, and final drafts. The final peer review will be the whole class reading the best of the students' papers and noting their strengths.

# Language Arts

## **English 12**

Grade Level: 12

Length of Course: All Year

Pre-requisite(s): English 11 or AP English Language & Composition

Credit: 1

Supplemental Readings: *1984, As I Lay Dying, Macbeth, Hamlet, The Crucible, Canterbury Tales, Sir Gawain and the Green Knight.*

Field Trips: Alabama Shakespeare Festival

Course Description:

This course is designed to improve reading and writing skills. Literature types include short stories, poetry, novel, and drama. Writing includes essays and a research paper.

## **Advanced Placement English Literature and Composition**

Grade Level: 12

Length of Course: All Year

Pre-requisite(s): English 11 or AP English Language & Composition AND Teacher Recommendation

Credit: 1

Supplemental Readings:

Field Trips: Alabama Shakespeare Festival

Course Description:

This course is designed to enhance students' reading, writing, listening, speaking, and critical thinking skills. Students learn analysis by using significant works of literature. In-depth writing is an integral component, as is informal journal writing. All in-depth writing is peer-critiqued and/or critiqued by the teacher either during the initial writing session and/or after the first draft and returned to the writer for revision. Elements considered include, but are not limited to, grammar, logical organization, rhetorical structures, transitions, sentence structure, and vocabulary. All in-depth writing is graded with attention paid to all the listed elements, among others. Students will submit a first draft of formal essays that will be evaluated for organization, coherence, appropriate grammar, sentence structure, style, transitions and appropriate use of varied vocabulary. Additionally, students will provide supporting textual details that support their assertions. Effective use of rhetorical strategies, including emphasis, tone and establishing and maintaining voice will be required. After students submit a first draft, they will utilize teacher feedback and submit a final draft with corrections. Students learn to use deductive and inductive reasoning in their essays in which they move from the general to the particular or from the particular to the general. Journaling is an ongoing process whereby students make written observations of their reading assignments. Vocabulary journaling is also ongoing. Students keep a list of new words encountered in their readings and write the definitions, either from context clues or dictionary research. They are encouraged to use new words in their writings. First semester in AP English literature refines and extends the process of literary analysis at the heart of the course. Students begin their analytical skills in a short opening unit on tone, irony, and satire. Students analyze two to five novels and two plays and write essays on them, using prompts from previous AP Exams. In addition to these essays, students write a longer, annotated paper on a specific aspect of a long work, be it one we are exploring as a class or one of their own choosing.

# Mathematics

## **Pre-Algebra**

Grade Level: 7

Length of Course: All Year

Pre-requisite(s): Math 6

Supplemental Readings: None

Field Trips: None

Course Description:

Major topics include: problem solving, integers, equations, factors, fractions, rational numbers, ratio, proportion, percents, functions, graphing, inequalities, statistics, probability, and basic geometry skills.

## **Math Enrichment 7**

Grade Level: 7

Length of Course: All Year

Co-requisite(s): Pre-Algebra

Supplemental Readings: None

Field Trips: None

Course Description:

Math Enrichment is a one semester class, however, it may be stretched out over a year's time by alternating days with another semester course. It will enrich the Pre-Algebra curriculum taken by the students, review basic math skills, provide hands-on activities, practice SAT activities, and complete math related projects.

## **Algebra 1**

Grade Level: 8

Length of Course: All Year

Pre-requisite(s): Pre-Algebra

Supplemental Readings: None

Field Trips: None

Course Description:

Major topics include: problem solving, integers, equations, linear equations, functions, polynomials, factoring, real numbers, ratio, proportion, percents, quadratic and exponential functions, graphing, inequalities, radicals, statistics, probability, and basic geometry skills.

## **Math Enrichment 8**

Grade Level: 8

Length of Course: All Year

Co-requisite(s): Algebra 1

Supplemental Readings: None

Field Trips: None

Course Description:

Math Enrichment is a one semester class, however, it may be stretched out over a year's time by alternating days with another semester course. It will enrich the Algebra 1 curriculum taken by the students, review basic math skills, provide hands-on activities, practice SAT activities, and complete math related projects.

# Mathematics

## **Geometry with Proofs**

Grade Level: 9 - 10

Length of Course: All Year

Pre-requisite(s): Algebra 8 or Algebra 1 and Teacher Recommendation

Credit: 1

Supplemental Readings: None

Field Trips: None

Course Description:

This course begins with the language and logic of Geometry followed by chapters on parallelism, congruent triangles, inequalities in triangles, quadrilaterals, similarities, right triangles, circles, area, area and volume of solids, coordinate geometry and constructions. Emphasis will be on proofs.

## **Algebra 2 with Trigonometry**

Grade Level: 10-11

Length of Course: All Year

Pre-requisite(s): Algebra 1 and Geometry

Credit: 1

Supplemental Readings: None

Field Trips: None

Course Description:

This course is designed to extend students' knowledge of Algebra I with additional algebraic and trigonometric content. Mastery of the content standards for this course is necessary for student success in higher-level mathematics. Major topics include functions (linear, quadratic, polynomial, exponential, logarithmic, and trigonometric) and their graphs; system of equations and inequalities; rational expressions; irrational and complex numbers.

## **Advanced Math Topics**

Grade Level: 11

Length of Course: All Year

Pre-requisite(s): Algebra 2 and Teacher Recommendation

Credit: 1

Supplemental Readings:

Field Trips:

Course Description:

This course is an elective and intended for those with a strong interest in mathematics. First semester is devoted to strengthening and broadening the understanding of topics that are a part of the LSA mathematics curriculum. Second semester is more of a "hands-on" approach to math and an opportunity for student's to understand the practical applications of mathematics. Students interested in pursuing a career in a math related field should consider taking this elective course.

# Mathematics

## **Pre-Calculus**

Grade Level: 11-12

Length of Course: All Year

Pre-requisite(s): Algebra 2 and Teacher Recommendation

Credit: 1

Supplemental Readings: None

Field Trips: None

Course Description:

This course provides the background needed for success in calculus and college mathematics. Algebraic, graphical, numerical, and verbal analyses are incorporated during investigations of the pre-calculus content standards. Parametric equations, polar relations, vector operations, conic sections, and limits are introduced. Content for this course also includes an in depth study of polynomial and rational functions and their graphs, trigonometric functions, and logarithmic and exponential functions.

## **Honors Pre-Calculus**

Grade Level: 11-12

Length of Course: All Year

Pre-requisite(s): Algebra 2 and Teacher Recommendation

Credit: 1

Supplemental Readings: None

Field Trips: None

Course Description:

This course is designed for the junior student that will be taking Calculus as a senior. Or for the senior who knows Calculus will be required for their major in College. This course provides the background needed for success in calculus. Algebraic, graphical, numerical, and verbal analyses are incorporated during investigations of the pre-calculus content standards with the knowledge that Calculus will be the next math course the student will encounter. Content for this course includes an in depth study of polynomial and rational functions and their graphs, trigonometric functions, and logarithmic and exponential functions. Parametric equations, polar relations, and vector operations, limits, definition of derivative and elementary derivative rules will also be covered.

## **Algebra 3**

Grade Level: 11-12

Length of Course: All Year

Pre-requisite(s): Geometry and Algebra 2

Credit: 1

Supplemental Readings: None

Field Trips: None

Course Description:

This course will cover linear relations and functions, systems of linear equations and inequalities, the nature of graphs, polynomial functions, trigonometric functions and graphs, trig identities and equations, vectors, conics, exponential and logarithmic functions. Statistic topics include: Sequence and series, combinations and probability.

# Mathematics

## **Advanced Placement Calculus AB**

Grade Level: 12

Length of Course: All Year

Pre-requisite(s): Pre-Calculus and Teacher Recommendation

Co-Requisite: Honors Physics

Credit: 1

Supplemental Readings: None

Field Trips: None

Course Description:

A.P. Calculus is the highest level math taught at Lee-Scott Academy. This course teaches all topics associated with functions, graphs, limits, derivatives, and integrals as included in the AP calculus AB course description. In addition, significant time at the beginning of the year is devoted to a review of and immersion in the library of functions necessary for success in calculus. L'Hospitals rule is the only topic added to the AP AB course description. Any student interested in a math or science based college major should consider taking this course.

# Science

## **Earth/Life Science**

Grade Level: 7

Length of Course: Earth Science 1<sup>st</sup> semester, Life Science 2<sup>nd</sup> semester

Pre-requisite(s): None

Supplemental Readings:

Field Trips:

Course Description:

This course is designed for students to study living things in their world, through cell biology and genetics. Students will learn how modern living things have evolved, survive and reproduce through the study of earth and life history. Students will learn how physical principles function in living systems. Lastly, students will learn to understand the scientific process, including investigation and experimentation.

## **Physical Science**

Grade Level: 8

Length of Course: All Year

Pre-requisite(s): None

Supplemental Readings:

Field Trips:

Course Description:

Physical Science is an inquiry-based Core including basic concepts and skills in chemistry and physics that are considered foundational in those disciplines. Emphasis is placed on three scientific knowledge strands: Properties and Changes in Matter, Forces and Motions, and Interactions of Energy and Matter. The Physical Science core emphasizes first-hand observation through laboratory investigations, practical problem solving and the use of technology. Students will experiment with basic instruments, in some cases, that students can construct. Safe field and laboratory investigations will be used in instruction to the maximum extent possible to illustrate scientific concepts and principles and support inquiry instruction.

## **Biology I**

Grade Level: 9

Length of Course: All Year

Pre-requisite(s): None

Credit: 1

Supplemental Readings:

Field Trips:

Course Description:

This is an enquiry-based course designed to familiarize you with the process, skills, and understandings related to a wide range of topics in biology. During this course, you will learn to identify the basic questions and concepts that guide scientific investigation and to design and conduct your own investigations. Skills you will develop include microscopy, graphing and measurement, identification of research questions, making connections, and the ability to be a self-directed learner. Course content includes: Scientific Inquiry, Genetics, Mathematics and Measurement, Evolution, Science in Practice, Animals, Foundations, Plants, Biochemistry, Relationships among organisms, Cells and Ecology.

# Science

## **Anatomy and Physiology**

Grade Level: 10

Length of Course: All Year

Pre-requisite(s): Biology

Credit: 1

Supplemental Readings:

Field Trips:

Course Description:

Anatomy & Physiology is designed especially for students who are interested in pursuing careers in medical and allied health fields. Students are encouraged to use critical thinking, use of the scientific method, integration of technology, and application of knowledge and skills learned to practical questions and problems. Course content includes: Structure & function of cells, tissues and organs; Respiratory System; Organization of the human body; Circulatory System; Biochemistry; Lymphatic System; Skeletal System; Immune System; Muscular System; Excretory System; Nervous System; Reproductive System; Endocrine System; Pregnancy & Childbirth; Digestive System.

## **Chemistry**

Grade Level: 11

Length of Course: All Year

Pre-requisite(s): Physical Science and Algebra 1

Co-Requisite(s): Algebra 2

Credit: 1

Supplemental Readings:

Field Trips:

Course Description:

Chemistry is a Physical Science. Scientific knowledge in chemistry focuses on the interactions of matter and energy, as well as properties and changes in matter. This course is laboratory-based. Critical thinking is encouraged and the basic chemical concepts and scientific strategies are used in order for students to make intelligent decisions and to solve practical problems. Technology is an important component of the chemistry curriculum. Safe field and laboratory investigations will be used in instruction to the maximum extent possible to illustrate scientific concepts and principles and support inquiry instruction.

## **Environmental Science**

Grade Level: 12

Length of Course: All Year

Pre-requisite(s): None

Credit: 1

Supplemental Readings:

Field Trips:

Course Description:

The Environmental Science course will provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them.

# Science

## **Physics**

Grade Level: 12

Length of Course: All Year

Pre-requisite(s): Algebra 2 with Trigonometry and Teacher Recommendation

Credit: 1

Supplemental Readings:

Field Trips: Six Flags Over Georgia

Course Description:

This is a traditional first-year high school physics class. Physics requires a strong math background and emphasizes problem solving over memorization. It is a class that explores motion, force, gravity, pressure, momentum, electricity and many other topics. As an aid to understanding, hands-on demonstrations are used as often as possible. In the 2005-2006 school year these demonstrations included hill-sliding, lego cars, hovercraft, pendulums, high-heel day, bicycles, and ipod speakers.

## **Honors Physics**

Grade Level: 12

Length of Course: All Year

Pre-requisite(s): Algebra 2 with Trigonometry and Teacher Recommendation

Co-Requisite: AP Calculus

Credit: 1

Supplemental Readings:

Field Trips: Six Flags Over Georgia

Course Description:

Honors Physics is a traditional first-year high school physics class. It is taught at a more rapid pace than regular physics and calculus concepts are applied to the coursework when possible. Honors Physics requires a strong math background and emphasizes problem solving over memorization. It is a class that explores motion, force, gravity, pressure, momentum, electricity and many other topics. As an aid to understanding, hands-on demonstrations are used as often as possible. In the 2005-2006 school year these demonstrations included hill-sliding, lego cars, hovercraft, pendulums, high-heel day, bicycles, and ipod speakers.

# Social Studies

## **Citizenship and World Geography**

Grade Level: 7

Length of Course: All Year

Pre-requisite(s): None

Supplemental Readings:

Field Trips:

Course Description:

This course is taught in two parts: CIVICS, a study of citizenship and the foundations of our government, and WORLD GEOGRAPHY – Eastern Hemisphere, a study of physical and cultural characteristics and concepts of interdependence. Map, geography, and research skills are reinforced in weekly activities throughout the year.

## **United States History Survey**

Grade Level: 8

Length of Course: All Year

Pre-requisite(s): None

Supplemental Readings:

Field Trips:

Course Description:

This course is designed as a survey of American History from early settlement through the Twentieth Century. Exploration of events and personalities, primary source documents, and economic factors provide students a basic foundation in the history of American culture.

## **World History and Geography >1500**

Grade Level: 9

Length of Course: All Year

Pre-requisite(s): None

Credit: 1

Supplemental Readings:

Field Trips:

Course Description:

This course covers “modern world history,” which discusses topics such as: the Renaissance; the English and French Revolutions; the Ages of Industry and Imperialism; World Wars I and II; the Cold War; and the current state of the world that they live in. It is the goal of Lee-Scott Academy to present students with many learning options to meet their varying learning styles. This class will use many different methods including: lecture and discussion; group activities; simulations; projects; video studies; and current events. Through this course students will not only develop an understanding of past events, but come to realize how those events have shaped the world that they live in today. Students will realize that themes present in past eras are still present today. Students will be pushed to use critical thinking skills to find and deliver answers to many essential questions. Students will be required to regularly use an atlas, interpret graphs, charts, maps, and photographs to appropriately answer questions. They will also regularly use lap tops to link to the internet and to produce reports, graphs and charts of their own creation.

# Social Studies

## **Pre-AP United States History <1900**

Grade Level: 10

Length of Course: All Year

Pre-requisite(s): World History and Geography >1500

Credit: 1

Supplemental Readings:

Field Trips:

Course Description:

The course covers the historical development of American ideas and institutions from the Age of Exploration through Reconstruction, and is designed to prepare students for the option of taking AP U.S. History during their junior year. Students must earn a “B” or higher in this course to be eligible for AP U.S. History.

## **Consumer Economics**

Grade Level: 11

Length of Course: One Semester

Pre-requisite(s):

Credit: .5

Supplemental Readings:

Field Trips:

Course Description:

In this course students will gain a basic understanding of the United States economic system and how it affects individuals as consumers, producers, and citizens. Students will integrate knowledge, skills, and practices required for management of resources in a technologically expanding global economy. Consumer practices and responsibilities will be studied, and skills in planning for financial security will be covered. Core skills in decision making, problem solving, critical thinking, goal setting, management of multiple roles, and using technology are integrated into the course.

## **Military History**

Grade Level: 11

Length of Course: One Semester

Pre-requisite(s):

Credit: .5

Supplemental Readings:

Field Trips:

Course Description:

This course will examine history primarily from a military perspective. The course will analyze major military topics throughout world history with an emphasis on the 20<sup>th</sup> Century wars that have shaped the modern world. During this course students will study the leaders, strategists, and soldiers who waged these wars. This course will use technology available to us today to examine the evolution of technology and its impact on warfare.

# Social Studies

## **United States History >1900**

Grade Level: 11

Length of Course: All Year

Pre-requisite(s): US History <1900

Credit: 1

Supplemental Readings: To Kill a Mockingbird

Field Trips:

Course Description:

American History is a year long course which covers the following topics: Western Frontiers, Progressivism, Expansionism, The Roaring Twenties, The Great Depression, The New Deal, The Cold War, The Kennedy and Johnson Years, The Vietnam War, Nixon to Carter and Reagan to Clinton.

It is the goal of Lee- Scott Academy to present students with many options to meet their varying learning styles. This class will use many different methods including: Lecture/ Discussion, group activities, spelling/vocabulary challenges, reading comprehension, simulations, projects, video studies and current events.

The purpose of the course is for students to not only learn history, but also to experience it. Not only will they learn an understanding of past events, but will also realize how current news events will shape the history of today. Students will come to recognize themes from many eras and relate these themes to today's issues. Students will grow in the knowledge and understanding of past and present events that have and will change history.

## **Advanced Placement United States History**

Grade Level: 11

Length of Course: All Year

Pre-requisite(s): US History <1900 (with an average of 80+) and Teacher Recommendation

Credit: 1

Supplemental Readings:

Field Trips:

Course Description:

Advanced Placement United States History is a challenging course that is meant to be the equivalent of a freshman college course and can earn students college credit. This is a two-semester survey of American history from the age of exploration and discovery to the present. Solid reading and writing skills, along with a willingness to devote considerable time to homework and study, are necessary to succeed. An emphasis is placed on critical and evaluative thinking skills, essay writing, interpretation of original documents, and historiography.

The course objectives cover many different areas. It is intended that the students will be able to master a broad body of historical knowledge. They will be able to demonstrate an understanding of historical chronology. Students will use historical data to support an argument or position. Students will be able to differentiate between different schools of thought and interpret apply data from original documents, including cartoons, graphs, letters, etc.. Students will also be able to use analytical skills of evaluation, cause and effect, compare and contrast.

This course has several purposes. First and foremost, students will learn U.S. History and government. The course is also intended to prepare students to take the AP U. S. History Exam given in May each year.

The students will use a book to help with the preparation for the AP United States History Exam. This supplemental text will be used throughout the year in class to help fine tune the student's test taking skills.

# Social Studies

## **American Government**

Grade Level: 12

Length of Course: One Semester

Pre-requisite(s): US History >1900

Credit: .5

Supplemental Readings:

Field Trips:

Course Description:

The course provides students with the knowledge of the structure and functions of the Federal Government, the Constitution, Civil Rights, and Federalism.

## **Economics**

Grade Level: 12

Length of Course: One Semester

Pre-requisite(s): American Government

Credit: .5

Supplemental Readings:

Field Trips:

Course Description:

The course provides students with the basic principles of Economics including Supply and Demand, Market Organizations, Gross Domestic Product, Inflation, Unemployment, Fiscal Policy, and Monetary Policy. The focus of this course is on Macroeconomic topics.

## **Advanced Placement Macroeconomics**

Grade Level: 12

Length of Course: One Semester

Pre-requisite(s): American Government and Teacher Recommendation

Credit: .5

Supplemental Readings:

Field Trips:

Course Description:

This course is a substitute for Economics and prepares students to take the national AP Macroeconomics exam in May. This course takes a close look at macroeconomic concepts and covers extensive information. Therefore, outside work is essential for successful completion. The AP Macroeconomics Exam is required.

# Foreign Language

## **French I**

Grade Level: 9

Length of Course: All Year

Pre-requisite(s): None

Credit: 1

Supplemental Readings:

Field Trips:

Course Description:

This course is designed to enable the student to develop novice-low to novice-mid level proficiency in reading, writing, speaking, and listening in French. Students will acquire knowledge of the basic elements of French grammar, including the use of subject and object pronouns, adjectives, and verbs in the present tense. The student will be introduced to French culture and the many francophone countries that exist. Audio, video, and internet-based materials are used for practice and reinforcement. Students should be prepared to practice their use of language in class through communicative activities.

## **Spanish I**

Grade Level: 9

Length of Course: All Year

Pre-requisite(s): None

Credit: 1

Supplemental Readings:

Field Trips:

Course Description:

This is an introductory course to the Spanish language. The material covered during this year includes basic greetings, colors, numbers, calendar, time, descriptions, family, clothing and other basic topics. Major grammar component is present tense with an introduction to the past tense. Students will practice the language within thematic units that utilize the language in 4 major components: speaking, reading, writing, and listening.

## **French II**

Grade Level: 10

Length of Course: All Year

Pre-requisite(s): French I

Credit: 1

Supplemental Readings:

Field Trips:

Course Description:

This course is designed to enable the student to develop his/her proficiency in reading, writing, speaking, and listening in French approaching on an intermediate level of proficiency in the language. Students will continue to study important grammar points and learn the past tense of verbs. A continuation of the study of the role of culture in language will also be emphasized. Students completing French Level 2 could expect to have some success traveling in a French-speaking country as their comprehension and pronunciation skills will increase. Audio, video, and internet-based materials are used for practice and reinforcement. Students should be prepared to practice their use of language in class through communicative activities.

# Foreign Language

## **Spanish II**

Grade Level: 10

Length of Course: All Year

Pre-requisite(s): Spanish I

Credit: 1

Supplemental Readings:

Field Trips:

Course Description:

This course is a continuation of Spanish I. Students will use the information from Level I in order to advance to the following material: past tense narration with an introduction to Spain, describing childhood and the place where they live, describe daily routine, talk about future plans, navigation in a foreign city, compare and contrast dwellings in US and foreign countries, compare and contrast food and entertainment. Major grammar concepts covered are present, past, and future tense. Students will practice the language within thematic units that utilize the language in 4 major components: speaking, reading, writing, and listening.

## **French III**

Grade Level: 11

Length of Course: All Year

Pre-requisite(s): French II

Credit: 1

Supplemental Readings:

Field Trips:

Course Description:

Students enrolling in French Level 3 should have a motivation to continue their learning experience with the French language. Students will continue to expand their vocabulary and grammar knowledge during this class. A main focus will be using additional verb tenses. There will be a stronger focus on listening and reading comprehension, speaking, and writing through activities that are similar to those used on the AP French Language Exam. Culture learning will also be highlighted in the course through contexts such as: songs, film, articles, and poetry. Course content will expand on previous topics learned in French Levels 1 & 2. Additional course content will be chosen based on texts and themes that are appropriate for students at this level. Many concepts will be taught thematically, meaning that the student will learn grammar and vocabulary that has been embedded under the umbrella of a broader topic. This will allow the student to begin to study some cultural aspects of learning a foreign language in addition to building their knowledge of how the language is used for communication. Students are eligible for French Honor Society membership beginning in Level 3.

## **Spanish III**

Grade Level: 11

Length of Course: All Year

Pre-requisite(s): Spanish II

Credit: 1

Supplemental Readings:

Field Trips:

Course Description:

This academic-elective course is for students who want a more in-depth study of the language and who want to be able to use the language comfortably outside the classroom. Students will learn the following material: history thematic unit covering Christopher Columbus, Hispanic Heritage in the US, and Guernica; traditions from multiple countries; childhood experiences; children stories; current events; pop culture in certain countries; shopping and bargaining in Hispanic countries; myths and legends from around the world. Students will practice the language within thematic units that utilize the language in 4 major components: speaking, reading, writing, and listening.

# Foreign Language

## **French IV**

Grade Level: 12

Length of Course: All Year

Pre-requisite(s): French III

Credit: 1

Supplemental Readings:

Field Trips:

Course Description:

French Level 4 is mainly used to prepare students to take the AP French Language Exam in the spring (May) or the SAT II Subject Test in French. The course is not an AP Course; however, students may choose to take the exam in hopes of receiving college credit for their studies. The content presented in the exam can be equated to third year courses at the college level. Students who enroll in French Level 4 should already have a good command of French grammar and vocabulary and have competence in listening, reading, speaking, and writing. Although these qualifications may be attained in a variety of ways, it is assumed that most students will be in the final stages of their secondary school training and will have had substantial course work in the language. The course will emphasize the use of language for active communication and help students develop: the ability to understand spoken French in various contexts; a French vocabulary sufficiently ample for reading newspaper and magazine articles, literary texts, and other nontechnical writings without dependence on a dictionary; the ability to express themselves coherently, resourcefully, and with reasonable fluency and accuracy in both written and spoken French. Course content will reflect intellectual interests shared by the students and teacher (the arts, current events, literature, sports, etc.). Materials will include audio and video recordings, films, newspapers, and magazines. The course seeks to develop language skills (reading, writing, listening, and speaking) that can be used in various activities and disciplines rather than to cover any specific body of the subject matter. Extensive training in the organization and writing of compositions will also be emphasized. Students in Level 4 are eligible for French Honor Society membership.

## **Spanish IV**

Grade Level: 12

Length of Course: All Year

Pre-requisite(s): Spanish III

Credit: 1

Supplemental Readings:

Field Trips:

Course Description:

This academic-elective course is for students who want to continue an in-depth study of the language and Hispanic culture. All skills are practiced with a focus on conversation. This is designed for students who want to be able to use the language at an intermediate-advanced level outside the classroom. Students study selected Hispanic literature, traditions and rituals from countries of their choice, read and give presentations on current events in a country of their choice, study culinary differences amongst the countries, discuss and debate social issues, learn about different governments, as well as topics of students' choice.

# Fine Arts

## **Art I**

Grade Level: 11

Length of Course: All Year

Pre-requisite(s): None

Credit: 1

Supplemental Readings: None

Field Trips:

Course Description:

This course introduces students to theory, practice, vocabulary, tools, processes, and appreciation for art. Students will develop skill and problem solving in design and observation.

## **Art II**

Grade Level: 12

Length of Course: All Year

Pre-requisite(s): None

Credit: 1

Supplemental Readings: None

Field Trips:

Course Description:

This course is an introductory to or continuation of higher level of art skill, problem solving and observation. Students will build on general art knowledge: art appreciation, art history and production. Students will produce a final project to become part of a collection of ceiling tiles.

## **Concert Band**

Grade Level: 7-12

Length of Course: All Year

Pre-requisite(s): None

Supplemental Readings:

Credit: 1 (grades 9-12 only)

Field Trips:

Course Description:

This course is for those who have completed Beginning Band and are ready for more advanced musical training and performance. This group performs at various concerts and also competes in festivals and competitions during the year. Students are held to high musical expectations and are expected to improve musically throughout the year.

# Fine Arts

## **Chorus**

Grade Level: 7-12

Length of Course: All Year

Pre-requisite(s): Teacher Recommendation

Credit: 1 (grades 9-12 only)

Supplemental Readings:

Field Trips:

Course Description:

The chorus class is designed to allow students to develop musically through vocal and choral training, lessons in music history, music appreciation (both vocal/choral and instrumental), sight-reading, music theory and ear training. The goal is to enable students to become more sensitive and intelligent as listeners as well as more confident and proficient as singers.

## **Drama**

Grade Level: 8-12

Length of Course: All Year

Pre-requisite(s): None

Credit: 1 (grades 9-12 only)

Supplemental Readings:

Field Trips: Local Theatre Productions (Alabama)

Course Description:

In this class, students will be introduced to all aspects of drama. Students will learn acting through theatre games, improvisation, and scripts. Students will also study directing, playwriting, and Shakespeare. Students will be required to see a theatrical production outside of the school and then analyze and critique the performance (acting, set, lighting, etc.). Students may take this class more than one year upon instructor's approval. Students are encouraged but not required to participate in LSA Drama productions and will receive extra credit for involvement.

## **Jazz Band**

Grade Level: 7-12

Length of Course: All Year

Pre-requisite(s): None

Credit: 1 (grades 9-12)

Supplemental Readings:

Field Trips:

Course Description:

This course is intended to teach fundamentals of jazz and popular music styles. Students will learn techniques of ensemble playing, improvisation, and a basic understanding of music theory. The group performs at many local functions, including Summer Swing, and usually enters at least one competitive jazz festival. All members are selected by the band director.

# Electives

## **Bible**

Grade Level: 8

Length of Course: All Year

Pre-requisite(s): None

Supplemental Readings:

Field Trips:

Course Description:

## **Computer Applications I**

Grade Level: 7

Length of Course: All Year

Co-requisite(s): Study Skills

Supplemental Readings: None

Field Trips: None

Course Description:

The intent of this course is to give the students keyboarding and computer skills that will serve them throughout their school years and adult working years. This course is a study that will not only assist the student to reach a good level of keyboarding skill, but will also show the student how to format letters, reports, and other documents attractively as they learn the basics of Microsoft Word. They will be able to use the computer keyboard much more efficiently than they would with the “hunt and peck” system. In addition, the students will develop technical competencies with the numeric keypad, knowledge in technical terminology, a basic knowledge of Internet usage, and language and writing skills at the computer. The students will also be able to use PowerPoint to enable them to create presentations and reports to assist them with projects in other courses.

## **Computer Applications II**

Grade Level: 9-12

Length of Course: All Year

Pre-requisite(s): None

Credit: 1

Supplemental Readings: None

Field Trips: None

Course Description:

This course is designed to assist students’ master skills in the areas of word processing, database management, spreadsheet, presentation, Internet, and e-mail usage. Students are also offered opportunities to identify ethical issues pertaining to information systems and to gather information about careers in technology. They will develop knowledge in technical terminology and issues and in computer hardware and software basics. Communication and critical thinking skills are reinforced through the use of software applications, as well as language and writing skills at the computer. Simulations and projects promoting teamwork and leadership skills offer further opportunities for application of knowledge and skills.

# Electives

## **Dual Enrollment**

Grade Level: 10-12

Length of Course: One Semester

Pre-requisite(s): Admittance into SUSCC and Administration Approval

Credit: .5

Supplemental Readings: None

Field Trips: None

Course Description:

With administration approval, students may take courses at Southern Union State Community College. This allows students the opportunity to earn both high school and college credit. These courses may be taken either online or at the SUSCC campus in Opelika. Students should enroll with SUSCC before the LSA school semester begins. Upon enrollment with SUSCC, students may be granted a “study hall” period at LSA and be permitted to leave LSA campus early.

## **Health (online)**

Grade Level: 9-12

Length of Course: One Semester

Pre-requisite(s): None

Credit: .5

Course Description:

Students will gain an understanding of the basic concepts of wellness and health and apply these concepts when making decisions concerning personal health and well being. Students will understand the importance of working cooperatively as an advocate for healthy schools, families and communities.

## **Leadership**

Grade Level: 10-11

Length of Course: All Year

Pre-requisite(s): None

Credit: 1

Supplemental Readings:

Field Trips:

Course Description:

This is an elective course in character development. This class is meant to encourage students to look beyond the typical roles of leadership to discover within themselves their ability to become leaders. Developing effective leadership begins with the realization that leading isn't just about acquiring power and privilege; more importantly, it is about accepting responsibility and being willing to serve others. To become a leader; students must know about what good leadership is, and the study of history and history's leaders and literature provides our students with powerful examples of both good and bad leadership. In addition to learning about leadership, it is essential that leadership is actually experienced and practiced. This class is committed to providing its students with many opportunities to “learn by doing”.

# Electives

## **Life Skills**

Grade Level: 8, 10-11

Length of Course: One Semester

Pre-requisite(s): None

Credit: .5 (grade 11 only)

Course Description:

This class is designed to help students make educated decisions that will impact their present and future health and well-being. It will also help make them become more aware of the impact these decisions have on those around them; family, friends and community. The class will also provide opportunities and information to help them manage the personal responsibilities they will face once living on their own.

## **Newspaper**

Grade Level:

Length of Course: All Year

Pre-requisite(s): “A” or “B” average in ninth grade English

Credit: 1

Course Description: Newspaper class will take students beyond the basics of beginning journalism in order not only to create a school paper but also to think critically about it. Units will include the following: News Gathering, Writing, Design and Layout, Social Responsibility, and Impact of the School Newspaper. Advanced journalists' responsibilities will include mentoring beginning staff members, taking on at least one leadership role (page editor, copy editor, editorial board member, accounts manager, advertising manager, etc), teaching beginning concepts to beginning journalists through group work/presentations, analyzing visual and print media, and overseeing the preparation and finalizing of each issue of the paper.

## **Physical Education**

Grade Level: 7-12

Length of Course: All Year

Pre-requisite(s): None

Credit: 1 (grades 9-12)

Course Description:

Physical Education is a planned program of personal movement experiences that both develop the body and foster intellectual, decisional, and creative growth in harmony with the goals of Christian education. The focus is to involve activities that develop strength, vigor, vitality, skill, and coordination; to contribute to the development of social competencies in relationships with others; build and maintain health fitness; and guide responsible fitness, sportive, and recreational decisions throughout life. Supplies needed: solid navy shorts (at least 6 “ in seam), solid grey t-shirt or grey Lee-Scott t-shirt, socks, athletic shoes (NO black soles), navy warm up pants, Lee-Scott sweatshirt, and personal lock for PE locker.

# Electives

## **Student Aide**

Grade Level: 12

Length of Course: All Year

Pre-requisite(s): On track to graduate and Teacher Recommendation

Credit: 1

Supplemental Readings: None

Field Trips: None

Course Description:

With administration approval, seniors may be allowed to serve as an aide for a faculty or staff member. Duties will vary per staff member in this PASS/FAIL course.

## **Study Skills/Leadership**

Grade Level: 7

Length of Course: All Year

Pre-requisite(s): None

Co-requisite(s): Computer Applications I

Supplemental Readings: None

Field Trips: None

Course Description:

Students are guided through developing study skills to improve academic and work performance, based on their learning styles. They are provided learning opportunities based on self-assessments in topics such as time management, memory, reading, writing, note taking, test taking, researching, and effectively communicating with classmates and teachers. Students are provided a school planner as organization and time management are a strong focus of the study skills component. One day per week, the class will focus on an element of character education and leadership. Sample topics covered on these days include but are not limited to: caring, keeping a positive attitude, compassion, fairness, and respect. The class will participate in several service projects as part of the character education and leadership component of the Study Skills course.

## **Work Leave**

Grade Level: 11-12

Length of Course: All Year or One Semester

Pre-requisite(s): Currently Employed

Credit: 1 (for entire year)

Supplemental Readings: None

Field Trips: None

Course Description:

Students may opt to take work-leave for one or two periods a day (each period requires 5 hours/week of employment). If a student signs up for work-leave he or she must hold a job starting the first day of the semester. A maximum of 2 credits may be earned with Work Leave throughout the entire high school career. (If a student receives these 2 credits during his/her junior year, he/she will not be allowed to take Work Leave as a senior.) A weekly timesheet and resume will be required in this PASS/FAIL course.

# Electives

## **World Affairs**

Grade Level: 8

Length of Course: One Semester

Pre-requisite(s): None

Supplemental Readings: None

Field Trips: CNN Studios/CNN Center (Atlanta, GA)

Course Description:

The goal of the World Affairs curriculum is to give students new perspectives on other nations and their roles in current international events. Class discussions center on issues and events in the news and their potential impacts and outcomes. Emphasis is also placed on the geography, recent history, and media of different regions and how location and background impacts each area's world outlook and relationships. Utilization of foreign class visitors through a partnership with the Auburn University International Student Organization, as well as daily viewing and discussion of *CNN Student News* podcast coverage of current events, further enhances student learning. Through Epals.com, students have the opportunity to interact with sister classes in other countries, while participation in the Peace Corps World Wise School Program also allows class communication with a Peace Corps volunteer serving abroad. Student progress is measured via regular testing on individual nations, evaluation of note-taking skills, and weekly quizzes on *CNN Student News* topics.

## **Yearbook**

Grade Level: 10-12

Length of Course: All Year

Pre-requisite(s): "A" or "B" average in ninth grade English

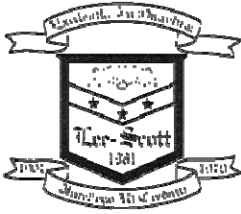
Credit: 1

Supplemental Readings: None

Field Trips: None

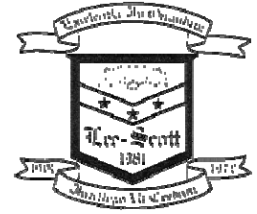
Course Description:

This course focuses on the details of yearbook publication production. Students will study layout, design concepts, photography, editorial copywriting and reporting. In completing individual assignments, as well as developing the yearbook, students will learn what techniques are used to create magazines, newspapers, yearbooks and other large publications. Yearbook students are responsible for writing, editing, designing and laying out *The Warrior*, Lee-Scott Academy's student yearbook. They are also responsible for raising the funds necessary to produce the yearbook through ad sales.



# Advanced College Prep Diploma Check List

**\* = Required**



Language Arts:

- English 9\*
  - English 10\*
  - English 11\* or AP English
  - English 12\* or AP English
- Total Required: 4

Foreign Language:

- French I\* or Spanish I\*
  - French II\* or Spanish II\*
- Total Required: 2

Mathematics:

- Algebra 1-B
  - Geometry\*
  - Algebra II\*
  - Pre-Calculus\*
  - Algebra III
  - AP Calculus
- Total Required: 4

Non-Academic Requirements:

- Physical Education\* (1.0)
  - Health\* (.5)
  - Fine Art\* (.5)
- Total Required: 2

Science:

- Biology\*
  - Biology II
  - Chemistry\* or Advanced Chemistry
  - Anatomy & Physiology
  - Physics\* or Honors Physics
  - Environmental Science
- Total Required: 4

Electives\* Total Required: 7

- Adv. Math Topics \_\_\_\_\_
- Art I/II \_\_\_\_\_
- Band \_\_\_\_\_
- Bible \_\_\_\_\_
- Computer Apps II \_\_\_\_\_
- Consumer Econ \_\_\_\_\_
- Chorus \_\_\_\_\_
- Drama \_\_\_\_\_
- Dual Enroll. \_\_\_\_\_
- French III/IV \_\_\_\_\_
- Jazz Band \_\_\_\_\_
- Leadership \_\_\_\_\_
- Life Skills \_\_\_\_\_
- Newspaper \_\_\_\_\_
- Military HY \_\_\_\_\_
- PE \_\_\_\_\_
- Spanish III/IV \_\_\_\_\_
- Student Aide \_\_\_\_\_
- Work Leave \_\_\_\_\_
- Yearbook \_\_\_\_\_
- Other \_\_\_\_\_

Social Studies:

- Geography\*
  - World History after 1500\*
  - U.S. HY\* or Pre-AP U.S. HY
  - AP U.S. HY or U.S. HY after 1900
  - Government\*
  - Economics\* or AP Economics
- Total Required: 4

**\*Additional Requirements\***  
**- 75 Hours of Community Service**  
**- Completion of 1 scholarship application during senior year**