



Fall 2010 - Summer 2011

Web-Based Course Offerings



8/02/2010

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WEB-BASED COURSE OFFERINGS

(Hosted Via Desire2Learn)

All students taking a Web-based course will need a high-speed Internet connection and headphones with microphone.

MATHEMATICS

Algebra I	
Course Number	210005
Audience	8 th or 9 th Graders
Credits	1 Credit Course, Block or 2 Semesters on 6- or 7-Period Day
Prerequisites	Successful Completion of Pre-Algebra/8 th Grade Math
Testing Requirements	Semester and Final Exams
Materials	Scientific Calculator Discovery Education Streaming (Provided by SDE) Windows Media Player or QuickTime
<p>Description: Algebra I is a formal, in-depth study of algebraic concepts and the real number system. It reinforces concepts learned in previous courses and focuses on the useful application of course content and on the development of student understanding of central concepts. Students will explore new, more challenging content which prepares them for further study in mathematics.</p>	

Algebra IA	
Course Number	210008
Audience	9 th Graders
Credits	1 Credit Course, Block or 2 Semesters on 6- or 7-Period Day
Prerequisites	Successful Completion of Pre-Algebra/8 th Grade Math
Testing Requirements	Semester and Final Exams
Materials	Graphmatica (Provided by SDE) SAS [®] Curriculum Pathways [®] (Provided by SDE) Discovery Education Streaming (Provided by SDE) Windows Media Player or QuickTime
<p>Description: Algebra IA is the first part of a formal study of algebraic concepts and the real number system; approximately one-half the content of Algebra I.</p>	

Algebra IB	
Course Number	210009
Audience	9 th Graders
Credits	1 Credit Course, Block or 2 Semesters on 6- or 7-Period Day
Prerequisites	Successful Completion of Algebra IA
Testing Requirements	Semester and Final Exams
Materials	Graphmatica (Provided by SDE) SAS [®] Curriculum Pathways [®] (Provided by SDE)
Description: Algebra IB is the second part of a formal study of algebraic concepts and the real number system; approximately one-half the content of Algebra I.	

Geometry	
Course Number	210010
Audience	9 th , 10 th , or 11 th Graders
Credits	1 Credit Course, Block or 2 Semesters on 6- or 7-Period Day
Prerequisites	Successful Completion of Algebra I OR Algebra IA and Algebra IB
Testing Requirements	Semester and Final Exams
Materials	Scientific Calculator Protractor Compass
Description: Geometry provides students with knowledge about shapes and properties and assists with the development of spatial sense, critical for further study in mathematics and for everyday life. Emphasis is placed on the power of deductive reasoning, expressed either informally or formally, in a variety of formats.	

Algebra II	
Course Number	210016
Audience	11 th or 12 th Graders only
Credits	1 Credit Course, Block or 2 Semesters on 6- or 7-Period Day
Prerequisites	Successful Completion of Algebra I OR Algebra IA and Algebra IB AND Geometry
Testing Requirements	Semester and Final Exams
Materials	Mathtype (Provided by SDE) <i>Inside Math</i> , www.mathresources.com Scientific Calculator
Description: Algebra II focuses on problem-solving skills that use a variety of methods to encourage the development of improved communication skills and foster a deeper understanding of the algebraic content area. Algebra II is a terminating course for high school students. Credit cannot be awarded for both Algebra II with Trigonometry and Algebra II.	

Algebra II with Trigonometry	
Course Number	210017
Audience	10 th , 11 th , or 12 th Graders
Credits	1 Credit Course, Block or 2 Semesters on 6- or 7-Period Day
Prerequisites	Successful Completion of Algebra I OR Algebra IA and Algebra IB AND Geometry
Testing Requirements	Semester and Final Exams
Materials	Mathtype (Provided by SDE) <i>Inside Math</i> , www.mathresources.com Scientific Calculator
Description: Algebra II with Trigonometry focuses on problem-solving skills that use a variety of methods to encourage the development of improved communication skills and foster a deeper understanding of the algebraic content area. Credit cannot be awarded for both Algebra II with Trigonometry and Algebra II.	

Precalculus	
Course Number	210020
Audience	11 th or 12 th Graders
Credits	1 Credit Course, Block or 2 Semesters on 6- or 7-Period Day
Prerequisites	Successful Completion of Algebra I, Geometry, AND Algebra II with Trigonometry
Testing Requirements	Semester and Final Exams
Materials	<i>Precalculus: An Internet Approach</i> , (Online Subscription), ISBN #0618042318 Online \$55.00 Price May Vary Holt McDougal 1-800-462-6595 Mathtype (Provided by SDE) Graphing Calculator Recommended The receiving school is required to purchase an online subscription from Holt McDougal for its Precalculus student. Upon purchase of the online subscription, an email listing a customized number will be sent to the school's textbook administrator which will allow the student to access the subscription for one year. Purchase of the online subscription must be completed at the beginning of the two-week free trial period to ensure uninterrupted student access to the Precalculus course. The online subscription does not work with the current Mac operating system.
Description: Precalculus is designed primarily for those students considering careers in mathematical or scientific fields of study. The curriculum includes an expanded study of polynomial functions, conic sections, logarithmic and exponential equations, and the real-life applications of these topics.	

AP Calculus AB	
Course Number	210025
Audience	11 th or 12 th Graders
Credits	1 Credit Course, Block or 2 Semesters on 6- or 7-Period Day
Prerequisites	Successful Completion of Algebra I, Geometry, Algebra II with Trigonometry, AND Precalculus
Testing Requirements	Semester and Final Exams; Optional AP Exam
Materials	<p>CD-ROM Text: <i>Calculus, 8th Edition</i> by Larson, Hostetler and Edwards, ISBN #0618995005; Hardcover \$126.71 Price May Change Holt McDougal, 1-800-462-6595 The package contains two CD-ROMs: <i>Calculus 8e Static E-Book</i> and <i>Calculus Mathspace CD-ROM</i> and one User's Guide. The CDs are an e-version of the 8th Edition hard copy textbook. The school should order the CD-ROM E-books by calling Holt McDougal at 1-800-462-6595 as soon as the student is enrolled. While waiting for the e-textbook version of the 8th Edition, the student will begin the course with a <u>free two-week trial online subscription to the 7th Edition of the textbook</u> called <i>Houghton Mifflin's Interactive Calculus, Version 3.0</i> (which is actually the 7th Edition of the hard copy textbook). Please note Chapter 0 and Chapter 1 are the same in the 7th and 8th Editions of the Calculus CD-ROMs. Through Chapter 0 and, if need be, Chapter 1, the student will use <i>Interactive Calculus, Version 3.0</i> for the assignments. To access the free two-week trial subscription of the Internet version go to www.tdlc.com. Click on "Products" and choose "Internet Calculus 7/E" about a third of the way down the page. It does <i>not</i> say "With Early Transcendental Functions." Students should click on the two-week free trial and enter their names and e-mail addresses. They should then click "NEXT" and click "NEXT" again when a page appears that states they have not completed the registration. They are subscribed to <i>Internet Calculus</i> for two weeks. "NEXT" will take them directly to the book. E-mail will provide the login and password for future visits to www.tdlc.com.</p> <p>Optional Resource: Hard Copy Student Edition \$122.21 ISBN#9780618503001 Price May Change Mathtype (Provided by SDE) Graphmatica Software (Provided by SDE) Calculator: TI-83, TI-84, or TI-89 2003 AP Calculus AB Release Exam #725165 The College Board, 1-800-323-7155 http://store.collegeboard.com; \$35.00 per 10 Test Copies</p>

Description: AP Calculus AB consists of work equivalent to a full high school academic year that is comparable to a first-year calculus course in colleges and universities. The course has been authorized by the College Board and meets all requirements established by that

organization. It is expected that students who take AP Calculus AB will seek college credit, college placement, or both, from institutions of higher learning.

AP Statistics	
Course Number	210027
Audience	11 th or 12 th Graders
Credits	1 Credit Course, Block or 2 Semesters on 6- or 7-Period Day
Prerequisites	Successful Completion of Algebra I, Geometry, Algebra II with Trigonometry, AND Precalculus
Testing Requirements	Semester and Final Exams; Optional AP Exam
Materials	<i>The Practice of Statistics, TI-83/89 Graphing Calculator Enhanced</i> , Second Edition, 2003, Dan Yates, David S. Moore, Daren S. Starnes, ISBN #0716747731, \$95.00 Price May Change, Bedford, Freeman and Worth Publishing, bfwpub.com/highschool ; 1-866-843-3715
<p>Description: AP Statistics data analysis is dependent on the use of technology. The course has been authorized by the College Board and meets all requirements established by that organization. Students should have access to computers that include software capable of doing data analysis. Students will be required to interpret output generated by statistical software programs. Students are not expected to learn how to use various statistical programs. In addition, one of the following Texas Instruments calculators is required: TI-83, TI-83+, TI-84, TI-84+, or a TI-89. The TI-83+ is the most popular calculator for AP Statistics. In most cases, the calculator is sufficient, but the fundamental tool of data analysis is the computer.</p>	

SCIENCE

Physical Science	
Course Number	220051
Audience	9 th Graders
Credits	1 Credit Course, Block or 2 Semesters on 6- or 7-Period Day
Prerequisites	None
Testing Requirements	Semester and Final Exams
Materials	Scientific Calculator Lab Materials as Determined by Course Discovery Education Streaming (Provided by SDE) Windows Media Player or QuickTime
<p>Description: Physical Science is an inquiry-based core course which includes the basic concepts and skills in chemistry and physics that are considered foundational in those disciplines. Core content focuses on scientific facts, concepts, principles, theories, and models that are important for scientific literacy. Technology and critical-thinking skills are used for inquiry-based investigations.</p>	

Biology	
Course Number	220011
Audience	9 th or 10 th Graders
Credits	1 Credit Course, Block or 2 Semesters on 6- or 7-Period Day
Prerequisites	Successful Completion of Physical Science (8 th or 9 th Grade); Algebra I Recommended
Testing Requirements	Semester and Final Exams
Materials	SAS [®] Curriculum Pathways [®] (Provided by SDE) Lab Materials as Determined by Course
<p>Description: Biology is an introduction to general biology and the processes of scientific inquiry. It includes the fundamental principles of living organisms including physical and chemical properties of life, cellular organization and function, the transfer of energy through metabolic systems, cellular reproduction, the classification of living things, the examination of the six kingdoms, and discussion of current scientific principles and concepts.</p>	

Chemistry	
Course Number	220061
Audience	10 th , 11 th , or 12 th Graders
Credits	1 Credit Course, Block or 2 Semesters on 6- or 7-Period Day
Prerequisites	Successful Completion of Algebra I AND Biology; Algebra II with Trigonometry Recommended
Testing Requirements	Semester and Final Exams
Materials	Test Tubes (5) Immersion Thermometer 100mL Graduated Cylinder Adult Safety Goggles Other Lab Materials as Determined by Course Netscape or Microsoft Internet Explorer Word Processor Paint/Drawing Program <u>Adobe Acrobat Reader</u> Kitchen Laboratory Materials Chemlab Simulation Software from Model Science Software SAS [®] Curriculum Pathways [®] (Provided by SDE) Discovery Education Streaming – Online (Provided by SDE) Windows Media Player or QuickTime Graphing and/or Scientific Calculator
Description: Chemistry is an inquiry-based, college-prep core course including the basic concepts and skills in a first-year high school chemistry class. Core content focuses on scientific facts, concepts, principles, theories, and models considered foundational to chemistry in terms of structure, form, change, availability, and use of matter and energy. Course includes the use of technology and critical-thinking necessary for inquiry-based investigations.	

Environmental Science	
Course Number	220029
Audience	11 th or 12 th Graders
Credits	1 Credit Course, Block or 2 Semesters on 6- or 7-Period Day
Prerequisites	Successful Completion of Biology and Physical Science OR Biology and Chemistry
Testing Requirements	Semester and Final Exams
Materials	Lab Materials as Determined by Course Scientific Calculator Discovery Education Streaming (Provided by SDE) Windows Media Player or QuickTime
<p>Description: Environmental Science is an inquiry-based elective core designed to provide a broad view of the biosphere and the physical parameters that affect it. Core content focuses on scientific facts, concepts, principles, theories, and models considered foundational to environmental science, including energy resources, environmental quality, and human practices and their effect on the environment. Technology and critical-thinking skills are used for inquiry-based investigations.</p>	

Physics	
Course Number	220071
Audience	11 th or 12 th Graders
Credits	1 Credit Course, Block or 2 Semesters on 6- or 7-Period Day
Prerequisites	Successful Completion of Biology, Physical Science, AND Algebra II with Trigonometry; Precalculus and Chemistry Recommended
Testing Requirements	Semester and Final Exams
Materials	Scientific and/or Graphing Calculator Discovery Education Streaming (Provided by SDE) Graphical Analysis 3.2 and 3.2 for MAC OSX Software (Provided by SDE) <i>The Mechanical Universe High School Adaptation Videos</i> Delivered Via Discovery Education Streaming Windows Media Player or QuickTime Lab Materials as Determined by Course
Description: Physics is an inquiry-based college-prep core course which includes the basic concepts and skills in a first-year high school physics class. Core content focuses on scientific facts, concepts, principles, theories, and models considered foundational to physics in terms of mechanics, heat, light, sound, electricity, and magnetism. The course includes the use of technology and critical thinking necessary for inquiry-based investigations.	

Marine Science	
Course Number	220040
Audience	11 th or 12 th Graders
Credits	1 Credit Course, Block or 2 Semesters on 6- or 7-Period Day
Prerequisites	Successful Completion of Biology AND Physical Science; Chemistry Recommended
Testing Requirements	Semester and Final Exams
Materials	None
Description: Marine Science is an inquiry-based college-prep elective intended to provide advanced studies of science within the context of the marine environment. Core content focuses on scientific facts, concepts, principles, theories, and models considered foundational to marine science, including living organisms, oceanography, marine water chemistry, anatomy and physiology of saltwater organisms, classification, biodiversity, interdependence of organisms within marine biomes, and human and natural impact on marine systems.	

AP Chemistry	
Course Number	220064
Audience	11 th or 12 th Graders
Credits	1 Credit Course, Block or 2 Semesters on 6- or 7-Period Day
Prerequisites	Successful Completion of Chemistry
Testing Requirements	Semester and Final Exams; Optional AP Exam
Materials	Adobe Shockwave <i>Chemistry: The Molecular Nature of Matter and Change</i> by Martin Silberberg, 4 th Edition, 2006, ISBN #0073101699; 1-800-334-7344; McGraw Hill/Glencoe \$198.75 Price May Change
<p>Description: AP Chemistry is designed to introduce students to general chemistry equivalent to a full-year introductory college course. The course has been authorized by the College Board and meets all requirements established by that organization. Chemical problems will be assessed using fundamental analytical skills. Elaborate lessons will help students develop the necessary skills to arrive at conclusions based on informed judgment and present evidence in clear and persuasive essays. Semester I will include components of matter, stoichiometry of formulas and equations, chemical reactions, gases and the Kinetic-Molecular Theory, thermochemistry, Quantum Theory, electron configuration and chemical periodicity, models of chemical bonding, shapes of molecules, and theories of covalent bonding. Semester II will include intermolecular forces, properties of mixtures, periodic patterns, organic compounds, the atomic properties of carbon, kinetics and equilibrium of chemical reactions, oxidation and reduction reactions, and thermodynamics of chemical reactions.</p>	

AP Biology	
Course Number	220014
Audience	11 th or 12 th Graders
Credits	1 Credit Course, Block or 2 Semesters on 6- or 7-Period Day
Prerequisites	Successful Completion of Biology AND Chemistry
Testing Requirements	Semester and Final Exams; Optional AP Exam
Materials	<p>Discovery Education Streaming (Provided by SDE) Windows Media Player or QuickTime <i>Biology Concepts and Connections</i>, 5th Edition Textbook with CD, 2006, by Prentice Hall/Pearson \$102.97 Price May Change; 1-800-848-9500 High School Binding ISBN #0131934805 Schools/Students should ask for the online supplement to the textbook available at no charge when the textbook is ordered. A quote can be obtained from Pearson at 1-800-848-9500. Lab information: 1-800-456-0179 ISBN#0-8053-6527-3 http://www.biologylab.awlonline.com Virtual Labs: Evolution Lab, Fly Lab, & Leaf Lab \$18.00 Price May Change; Prentice Hall/Pearson; <i>AP Biology Lab Manual for Students</i> #991461 Price may change The College Board – http://store.collegeboard.com Adobe Shockwave Adobe Acrobat Reader Flash Player The following lab materials (per student) may be purchased from Carolina Scientific. 1 Glass Pipet (0.1mL) 2-250 mL Test Tubes 18 Inches Clear Plastic Tubing Tygon Bore 1/8 Wall 1/16 1-33 mm Filter Paper 1-50 mL Graduated Cylinder 1-3.0 mL Plastic Pipet Dual Calibration Spring Scale 250g/2.5N 1.75 Inch x 18 Inches of Dialysis Tubing 1 <i>lambda</i> DNA Diagram Logarithmic Graph Paper 3 Glucose Tablets 3 Diastix Strips The glucose tablets and diastix strips may be purchased at any drug store.</p>
<p>Description: AP Biology is designed to be the equivalent of a two-semester college introductory biology course usually taken by biology majors during their first year. The course has been authorized by the College Board and meets all requirements established by that organization. It provides students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. Content is addressed within the three basic subject areas: molecules and cells, heredity and</p>	



evolution, and organisms and populations. Students are provided with a variety of laboratory experiences, including the 12 AP Biology labs equivalent to that of a typical college course. Students are encouraged to take the AP Biology Exam in order to earn college credit.

ENGLISH

English 9	
Course Number	200005
Audience	9 th Graders
Credits	1 Credit Course, Block or 2 Semesters on 6- or 7-Period Day
Prerequisites	None
Testing Requirements	Semester and Final Exams
Materials	Discovery Education Streaming (Provided by SDE) Windows Media Player or QuickTime
<p>Description: English 9 is a ninth-grade core course. The main goal is to provide students with ample opportunities to develop effective language skills. Core content is focused on integrating the strands of reading, literature, writing and language, research and inquiry, and oral and visual communication in order to effectively communicate information, to respond to world literature, to use language for learning and reflecting, and to apply critical and creative thinking to solve problems. Key components of the senior high curriculum are knowledge and application of language concepts and conventions, reading and writing for a variety of purposes, and using technology in the research process. Most of the readings in this course are provided in an online format. Students may need to complete some readings outside of class in order to complete all of their work and are encouraged to have their own copies of Homer's <i>The Odyssey</i>, Shakespeare's <i>Romeo and Juliet</i>, and Edgar Allen Poe's "The Raven." Copies of some texts are available in e-text format and are free online. In lessons which address these works, a link will be provided to the student. The only reading not available online is Harper Lee's <i>To Kill a Mockingbird</i>.</p>	

English 10	
Course Number	200009
Audience	10 th Graders
Credits	1 Credit Course, Block or 2 Semesters on 6- or 7-Period Day
Prerequisites	Successful Completion of English 9
Testing Requirements	Semester and Final Exams
Materials	Discovery Education Streaming (Provided by SDE) Windows Media Player or QuickTime
<p>Description: English 10 is a tenth-grade core course. The main goal is to provide students with ample opportunities to develop effective language skills. Core content is focused on integrating the strands of reading, literature, writing and language, research and inquiry, and oral and visual communication in order to effectively communicate information, to respond to American literature to 1900, to use language for learning and reflecting, and to apply critical and creative thinking to solve problems. Key components of the senior high curriculum are knowledge and application of language concepts and conventions, reading and writing for a variety of purposes, and using technology in the research process. All of the readings in this course are provided in an online format. Students may need to complete some readings outside of class in order to complete all of their work. Students may consider obtaining copies of readings and/or anthologies for short readings. Longer readings include Shakespeare's <i>Julius Caesar</i>, Nathaniel Hawthorne's <i>The Scarlett Letter</i>, and Edith Wharton's <i>Ethan Frome</i>. Some readings and literary analyses in this course are provided through the Alabama Virtual Library. Students are given a direct link to these readings using their AVL password that may be provided by their local librarian. This course also includes three independent reading components. Each unit ends with an independent reading activity designed to allow students to read the books of their choice. The students are asked to submit reading journals to ensure completion of their independent reading activities.</p>	

English 11	
Course Number	200013
Audience	11 th Graders
Credits	1 Credit Course, Block or 2 Semesters on 6- or 7-Period Day
Prerequisites	Successful Completion of English 9 and 10
Testing Requirements	Semester and Final Exams
Materials	<ul style="list-style-type: none"> -<i>The Great Gatsby</i> -<i>Our Town</i> -<i>The Crucible</i> -<i>Of Mice and Men</i> <p>A library copy of the books listed is acceptable. Discovery Education Streaming (Provided by SDE) Windows Media Player or QuickTime</p>
<p>Description: English 11 is an eleventh-grade core course. The main goal is to provide students with ample opportunities to develop effective language skills. Core content is focused on integrating the strands of reading, literature, writing and language, research and inquiry, and oral and visual communication in order to effectively communicate information, to respond to American literature from 1900 to the present, to use language for learning and reflecting, and to apply critical and creative thinking and to solve problems. Key components of the senior high curriculum are knowledge and application of language concepts and conventions, reading and writing for a variety of purposes, and using technology in the research process. Many of the readings required in this course are imbedded within the modules and followed by brief quizzes. Shorter readings that may be completed before entering the course include "Nothing Gold Can Stay," "Stopping by the Woods on a Snowy Evening," and "Acquainted with the Night" by Robert Frost; "The Negro Speaks of Rivers" and "I, Too" by Langston Hughes; "I Hear America Singing" by Walt Whitman; "The Night the Ghost Got In" by James Thurber; and "Flight" by John Steinbeck. Students may need to complete some readings outside of class in order to complete all of their work and will need to obtain the following readings: "Storm Ending" by Jean Toomer, "Any Human to Another" by Countee Cullen, <i>The Great Gatsby</i> by F. Scott Fitzgerald; <i>Our Town</i> by Thornton Wilder, <i>The Crucible</i> by Arthur Miller, and <i>Of Mice and Men</i> by John Steinbeck.</p>	

English 12	
Course Number	200017
Audience	12 th Graders
Credits	1 Credit Course, Block or 2 Semesters on 6- or 7-Period Day
Prerequisites	Successful Completion of English 9, 10, and 11
Testing Requirements	Semester and Final Exams
Materials	Discovery Education Streaming (Provided by SDE) Windows Media Player or QuickTime
<p>Description: English 12 is a twelfth-grade core course. The main goal is to provide students with ample opportunities to develop effective language skills. Core content is focused on integrating the strands of reading, literature, writing and language, research and inquiry, and oral and visual communication in order to effectively communicate information, to respond to British literature, to use language for learning and reflecting, and to apply critical and creative thinking to solve problems. Key components of the senior high curriculum are knowledge and application of language concepts and conventions, reading and writing for a variety of purposes, and using technology in the research process. All of the readings in this course are provided in a free online format. Students may need to complete some readings outside of class in order to complete all of their work. Students may consider obtaining copies of readings and/or anthologies for shorter readings. Longer readings include <i>Beowulf</i>, <i>Canterbury Tales</i>, <i>Macbeth</i>, and <i>Rime of the Ancient Mariner</i>.</p>	

AP English Language and Composition	
Course Number	200016
Audience	11 th or 12 th Graders
Credits	1 Credit Course, Block or 2 Semesters on 6- or 7-Period Day
Prerequisites	English 9, 10, and 11, Preferably Honors Level, with a Minimum of a B Average
Testing Requirements	Semester and Final Exams; Optional AP Exam
Materials	<p>Wimba Voice Tools (Provided by SDE) Optional Resources: <i>Cliff's Notes AP English Language and Composition Preparation Guide</i> recommended <u>Students will need to provide each of the following novels.</u></p> <ul style="list-style-type: none"> - <i>The Great Gatsby</i> - <i>The Killer Angels</i> - <i>Their Eyes Were Watching God</i> - <i>A Raisin in the Sun</i> <p><u>Students will need to provide one of these books.</u></p> <ul style="list-style-type: none"> - <i>The House of the Spirits</i> - <i>Bread Givers</i> - <i>The Woman Warrior</i> - <i>Angela's Ashes</i> - <i>The Awakening</i> - <i>The Things They Carried</i> - <i>The Scarlet Letter</i> - <i>The Invisible Man</i> - <i>Into Thin Air</i> <p>Students may purchase the books or borrow them from a library. The full version E-books are available for some titles through the Alabama Virtual Library (AVL), www.avl.lib.al.us. Click on the "Campus and Library" button, and then the "Literary Reference Center." Next click on "Browse Works" (under the picture of the clock). At the "Select Box," click on the down arrow and choose "Full-Text Classics." Finally, click "Go."</p> <p><u>Students will need to obtain videos of the following documentaries from their local library or video store.</u></p> <ul style="list-style-type: none"> - Module Two - <i>Supersize Me</i> - Module Three - Documentary of Choice - Module Four - <i>An Inconvenient Truth</i>
<p>Description: AP English Language and Composition is designed to enable students to read complex texts with understanding and to write prose of sufficient richness and complexity to communicate effectively with mature readers. The course has been authorized by the College Board and meets all requirements established by that organization. The course also engages students in becoming skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes.</p>	

AP English Literature and Composition	
Course Number	200020
Audience	12 th Graders
Credits	1 Credit Course, Block or 2 Semesters on 6- or 7-Period Day
Prerequisites	English 9, 10 and 11, Preferably Honors Level, with a Minimum of a B Average
Testing Requirements	Semester and Final Exams; Optional AP Exam
Materials	<p>Wimba Voice Tools (Provided by SDE) <i>Cliff's Notes AP English Literature and Composition Preparation Guide</i> recommended <i>Barron's How to Prepare for the AP English Literature and Composition Advanced Placement Examination</i> by George Ehrenhaft <i>Perrine's Literature: Structure, Sound, and Sense</i>, 9th Edition, 2006, ISBN #9781413030815, Holt-McDougal 1-800-462-6595 \$68.25 Price May Change <u>Students will need to provide each of the following novels.</u></p> <ul style="list-style-type: none"> -<i>Frankenstein</i> by Mary Shelley -<i>The Grapes of Wrath</i> by John Steinbeck -<i>Wuthering Heights</i> by Emily Bronte -<i>Heart of Darkness</i> by Joseph Conrad -<i>The Hollow Men</i> by T.S. Eliot -<i>Beloved</i> by Toni Morrison -<i>Hamlet</i> by William Shakespeare -<i>The Awakening</i> by Kate Chopin <p>Module 3: Choose ONE of the following for the research paper.</p> <ul style="list-style-type: none"> -<i>Joy Luck Club</i> by Amy Tan -<i>The Glass Menagerie</i> by Tennessee Williams -<i>The Adventures of Huckleberry Finn</i> by Mark Twain -<i>The Color Purple</i> by Alice Walker <p>Module 9: Choose ONE of the following.</p> <ul style="list-style-type: none"> -<i>Things Fall Apart</i> by Achebe Chinua -<i>Cry the Beloved Country</i> by Alan Paton -<i>Othello</i> by William Shakespeare -<i>A House Made of Dawn</i> by N. Scott Momaday <p>OPTIONAL Videos:</p> <ul style="list-style-type: none"> • <i>Hamlet</i>, Mel Gibson version • <i>The Importance of Being Earnest</i> • <i>The Lion King</i> <p>Students may purchase the books or borrow them from a library. Full version E-books are available for some titles through Alabama Virtual Library (AVL), www.avl.lib.al.us. Click on the "Campus and Library" button. Next click on "Literary Reference Center" and then on "Browse Works" under the picture of the clock. At the "Select Box" click on the down arrow,</p>



choose "Full-Text Classics," and finally click "Go."

Description: AP English Literature and Composition includes an intensive study of representative works from various genres and periods, concentrating on works of recognized literary merit. The course has been authorized by the College Board and meets all requirements established by that organization. Reading builds upon the reading done in previous English courses. Students are encouraged to take the AP English Literature and Composition Exam in order to earn college credit.

SOCIAL STUDIES

World History: 1500 to Present	
Course Number	230013
Audience	9 th Graders
Credits	1 Credit Course, Block or 2 Semesters on 6- or 7-Period Day
Prerequisites	None
Testing Requirements	Semester and Final Exams
Materials	Textbook: None SAS [®] Curriculum Pathways [®] (Provided by SDE) Discovery Education Streaming (Provided by SDE) Windows Media Player or QuickTime
Description: World History: 1500 to Present is a required course for students in the ninth grade. The course covers the chronological history of the world from the emergence of a global age through the Age of Revolutions, the Age of Isms, the era of global war, and the world from 1945 to the present.	

United States History to 1877	
Course Number	230016
Audience	10 th Graders
Credits	1 Credit Course, Block or 2 Semesters on 6- or 7-Period Day
Prerequisites	None
Testing Requirements	Semester and Final Exams
Materials	Textbook: None SAS [®] Curriculum Pathways [®] (Provided by SDE) Discovery Education Streaming (Provided by SDE) Windows Media Player or QuickTime
Description: United States History to 1877 is a required course for students in the tenth grade. The course is a chronological survey of major events and issues that include colonization and the American revolution, the development of a political system and its distinct culture, reform movements, sectionalism, the Civil War and Reconstruction, and concepts related to Alabama history and geography.	

United States History From 1877 to the Present	
Course Number	230019
Audience	11 th Graders
Credits	1 Credit Course, Block or 2 Semesters on 6- or 7-Period Day
Prerequisites	None
Testing Requirements	Semester and Final Exams
Materials	<i>America: Pathways to the Present, Modern America, 2003</i> , (Online Text Provided by SDE) Discovery Education Streaming (Provided by SDE) Windows Media Player or QuickTime
<p>Description: United States History from 1877 to the Present is a required course for students in the eleventh grade. It continues the journey begun in the tenth grade through the economic, geographic, social, and political development of the United States. Core content includes the study of major events, issues, movements, and leaders of the United States through the present from both a national and an Alabama perspective. Current technology is used to provide students with extensive opportunities to explore and analyze historical topics and interpretations.</p>	

Economics	
Course Number	230051
Audience	12 th Graders
Credits	½ Credit, 1 st or 2 nd Semester
Prerequisites	None
Testing Requirements	Final Exam
Materials	Discovery Education Streaming (Provided by SDE) Windows Media Player or QuickTime
<p>Description: Economics is a one-semester required course for students in the twelfth grade that focuses on functions and institutions of modern-day economic systems and economic theory. The course includes activities requiring the use of analytical-thinking skills for recognizing economic and social problems, proposing alternatives, and evaluating the costs and benefits of choices. Course activities utilize technology for research in economics, simulation of economic problems, and preparing presentations.</p>	

United States Government	
Course Number	230041
Audience	12 th Graders
Credits	½ Credit, 1 st or 2 nd Semester
Prerequisites	None
Testing Requirements	Final Exam
Materials	Discovery Education Streaming (Provided by SDE) Windows Media Player or QuickTime
<p>Description: United States Government is a one-semester required course for students in the twelfth grade. The goal of the course is to foster the development of civic competence and civic participation. Emphasis is placed on the intellectual factors that influenced the development of a republic based on the rule of law, freedom of opportunity, individual liberty, and representative democracy. The course includes a detailed study of the Constitution of the United States and activities requiring the use of analytical-thinking skills for collection, in-depth analysis, and interpretation of information important to the study of government. Current technology is used to provide students with extensive opportunities to explore and analyze topics in government.</p>	

AP United States History	
Course Number	230022
Audience	11 th Graders
Credits	1 Credit Course, Block or 2 Semesters on 6- or 7-Period Day
Prerequisites	At Least One Year of College-Level Preparation
Testing Requirements	Final Exam; Optional AP US History Exam
Materials	Optional Resources: Student Edition Textbook <i>The Enduring Vision</i> , Boyer, 6 th Edition, \$113.60 Price May Change; ISBN #9780618801633; Holt McDougal; 1-800-462-6595 SAS [®] Curriculum Pathways [®] (Provided by SDE) 2001 AP US History Released Exam (\$35.00 per 10 Test Copies)—This is a hard copy of a past exam and is intended to provide an authentic testing experience. The College Board, 1-800-323-7155
<p>Description: AP United States History is equivalent to an introductory college course in U.S. history. Studies cover a range of topics from Pre-Columbian societies to today. The course has been authorized by the College Board and meets all requirements established by that organization. The course is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in U.S. history. Students are encouraged to take the AP United States History Exam in order to earn college credit.</p>	

AP United States Government and Politics	
Course Number	230047
Audience	12 th Graders
Credits	½ Credit, 1 st or 2 nd Semester
Prerequisites	At Least One Year of College-Level Preparation and Successful Completion of U.S. History
Testing Requirements	Final Exam; Optional AP Exam
Materials	<i>American Government</i> , 11 th Edition, Wilson, J. & Dilulio, J.; Hard Copy Student Edition ISBN #9780618955404; \$117.25 Price May Change Holt/McDougal 1-800-462-6595; Discovery Education Streaming (Provided by SDE) Windows Media Player or QuickTime
<p>Description: AP U.S. Government and Politics will give students an analytical perspective on government and politics in the United States. The course has been authorized by the College Board and meets all requirements established by that organization. This course includes both the study of general concepts used to interpret U.S. politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. politics. Students are encouraged to take the AP United States Government and Politics Exam in order to earn college credit.</p>	

AP Macroeconomics	
Course Number	230054
Audience	12 th Graders
Credits	½ Credit, 1 st or 2 nd Semester
Prerequisites	At Least One Year of College-Level Preparation
Testing Requirements	Final Exam; Optional AP Exam
Materials	<i>Economics</i> (e-book) and <i>Macroeconomics: Student Activities Workbook</i> Bedford, Freeman 1-866-843-3715 ISBN 1429216638 eBook \$71.40 Price May Change ISBN 9780716783558 Hardcover \$125.00 Price May Change
<p>Description: AP Macroeconomics will give students a thorough understanding of the principles of economics that apply to an economic system as a whole. The course has been authorized by the College Board and meets all requirements established by that organization. It places particular emphasis on the study of national income and price-level determination, and also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Students are encouraged to take the AP Macroeconomics Exam in order to earn college credit.</p>	

FOREIGN LANGUAGES

Spanish I	
Course Number	270153
Audience	8 th , 9 th , 10 th , 11 th , or 12 th Graders
Credits	1 Credit Course, Block or 2 Semesters on 6- or 7-Period Day
Prerequisites	None
Testing Requirements	Semester and Final Exams
Materials	Wimba Voice Tools (Provided by SDE) Discovery Education Streaming (Provided by SDE) Windows Media Player or QuickTime Microphone, Speakers, and/or Headphones
<p>Description: Spanish I is a first-year modern language course which provides students with opportunities to communicate at a basic level, to develop insights into Spanish cultures, to better understand their own language and culture, to access knowledge from other disciplines using Spanish, and to participate more fully in the global community.</p>	

Spanish II	
Course Number	270154
Audience	9 th , 10 th , 11 th , or 12 th Graders
Credits	1 Credit Course, Block or 2 Semesters on 6- or 7-Period Day
Prerequisites	Successful Completion of Spanish I
Testing Requirements	Semester and Final Exams
Materials	Wimba Voice Tools (Provided by SDE) Discovery Education Streaming (Provided by SDE) Windows Media Player or QuickTime Microphone, Speakers, and/or Headphones
<p>Description: Spanish II is a second-year modern language course, which provides a continuum for the review and expansion of the goals of Spanish I. Level II represents a progression in terms of students' facility in handling more complex elements of communication, broadening insights into Spanish cultures as well as their own, and enhancing the connections made with other disciplines (as well as the connections made with the community and with the world).</p>	

Spanish III	
Course Number	270155
Audience	10 th , 11 th , or 12 th Graders
Credits	1 Credit Course, Block or 2 Semesters on 6- or 7-Period Day
Prerequisites	Successful Completion of Spanish II
Testing Requirements	Semester and Final Exams
Materials	Wimba Voice Tools (Provided by SDE) Discovery Education Streaming (Provided by SDE) Windows Media Player or QuickTime Microphone, Speakers, and/or Headphones
Description: Spanish III is a third-year modern language course, which provides a continuum for the review and expansion of the goals of Spanish I and Spanish II. Level III represents a progression in terms of students' facility in handling more complex elements of communication, using advanced vocabulary and grammar.	

Spanish IV	
Course Number	270156
Audience	11 th or 12 th Graders
Credits	1 Credit Course, Block or 2 Semesters on 6- or 7-Period Day
Prerequisites	Successful Completion of Spanish III
Testing Requirements	Semester and Final Exams
Materials	Wimba Voice Tools (Provided by SDE) Discovery Education Streaming (Provided by SDE) Windows Media Player or QuickTime Microphone, Speakers, and/or Headphones
Description: Spanish IV is a fourth-year modern language course, which provides a continuum for the review and expansion of the goals of Spanish III. Level IV represents a progression in terms of students' facility in handling more complex elements of communication, using advanced vocabulary and grammar and a study of poetry and literature.	

Latin I	
Course Number	270111
Audience	8 th , 9 th , 10 th , or 11 th Graders
Credits	1 Credit Course, Block or 2 Semesters on 6- or 7-Period Day
Prerequisites	None
Testing Requirements	Semester and Final Exams
Materials	Wimba Voice Tools (Provided by SDE) Discovery Education Streaming (Provided by SDE) Windows Media Player or QuickTime Microphone, Speakers, and/or Headphones
Description: Latin I is a first-year classical language course, which provides an introduction to the Latin language and Roman culture. Latin I illustrates the influence of the Roman culture on the cultures of the Western world throughout history. Basic pronunciation, spelling, and translation are included in the course; emphasis is placed on reading, grammar, and culture.	

Latin II	
Course Number	270112
Audience	10 th , 11 th , or 12 th Graders
Credits	1 Credit Course, Block or 2 Semesters on 6- or 7-Period Day
Prerequisites	Successful completion of Latin I
Testing Requirements	Semester and Final Exams
Materials	Wimba Voice Tools (Provided by SDE) Discovery Education Streaming (Provided by SDE) Windows Media Player or QuickTime Microphone, Speakers, and/or Headphones
Description: Latin II is a second-year classical language course, which includes a review of the skills previously studied, often accomplished by using Roman literature, Roman history, Roman mythology, and a study of Caesar's <i>Commentaries</i> .	

Latin III	
Course Number	270113
Audience	11 th or 12 th Graders
Credits	1 Credit Course, Block or 2 Semesters on 6- or 7-Period Day
Prerequisites	Successful completion of Latin II
Testing Requirements	Semester and Final Exams
Materials	Wimba Voice Tools (Provided by SDE) Discovery Education Streaming (Provided by SDE) Windows Media Player or QuickTime Microphone, Speakers, and/or Headphones
Description: Latin III is a third-year classical language course, which includes a review of the skills previously studied, and the development of communicative skills in vocabulary and grammar.	

French I	
Course Number	270023
Audience	8 th , 9 th , 10 th , 11 th , or 12 th Graders
Credits	1 Credit Course, Block or 2 Semesters on 6- or 7-Period Day
Prerequisites	None
Testing Requirements	Semester and Final Exams
Materials	Wimba Voice Tools (Provided by SDE) Discovery Education Streaming (Provided by SDE) Windows Media Player or QuickTime Microphone, Speakers, and/or Headphones
Description: French I is a first-year modern language course which provides students with opportunities to communicate through speaking, writing, reading, and listening at a basic level; to develop insights into French cultures; to better understand their own language and culture; to access knowledge from other disciplines using French; and to participate more fully in the global community.	

French II	
Course Number	270024
Audience	10 th , 11 th , or 12 th Graders
Credits	1 Credit Course, Block or 2 Semesters on 6- or 7-Period Day
Prerequisites	French I
Testing Requirements	Semester and Final Exams
Materials	Wimba Voice Tools (Provided by SDE) Discovery Education Streaming (Provided by SDE) Windows Media Player or QuickTime Microphone, Speakers, and/or Headphones
<p>Description: French II is a second-year modern language course, which provides a continuum for the review and expansion of the goals of French I. Level II represents a progression in terms of students' facility in handling more complex elements of communication through speaking, writing, reading, and listening; broadening insights into French cultures as well as their own; and enhancing the connections made with other disciplines (as well as the connections made with the community and with the world).</p>	

French III	
Course Number	270025
Audience	11 th or 12 th Graders
Credits	1 Credit Course, Block or 2 Semesters on 6- or 7-Period Day
Prerequisites	French II
Testing Requirements	Semester and Final Exams
Materials	Wimba Voice Tools (Provided by SDE) Discovery Education Streaming (Provided by SDE) Windows Media Player or QuickTime Microphone, Speakers, and/or Headphones
<p>Description: French III is a third-year modern language course, which provides a continuum for the review and expansion of the goals of French II. Level III represents a progression in terms of students' facility in handling more complex elements of communication; broadening insights into French cultures as well as their own; and enhancing the connections made with other disciplines (as well as the connections made with the community and with the world).</p>	

German I	
Course Number	270043
Audience	8 th , 9 th , 10 th , 11 th , or 12 th Graders
Credits	1 Credit Course, Block or 2 Semesters on 6- or 7-Period Day
Prerequisites	None
Testing Requirements	Semester and Final Exams
Materials	Wimba Voice Tools (Provided by SDE) Discovery Education Streaming (Provided by SDE) Windows Media Player or QuickTime Microphone, Speakers, and/or Headphones
Description: German I is a first-year modern language course, which provides students with opportunities to communicate at a basic level; to develop insights into German cultures; to better understand their own language and culture; to access knowledge from other disciplines using German; and to participate more fully in the global community.	

German II	
Course Number	270044
Audience	10 th , 11 th , or 12 th Graders
Credits	1 Credit Course, Block or 2 Semesters on 6- or 7-Period Day
Prerequisites	German I
Testing Requirements	Semester and Final Exams
Materials	Wimba Voice Tools (Provided by SDE) Discovery Education Streaming (Provided by SDE) Windows Media Player or QuickTime Microphone, Speakers, and/or Headphones
Description: German II is a second-year modern language course, which provides students with opportunities to communicate at a basic level; to develop insights into German cultures; to better understand their own language and culture; to access knowledge from other disciplines using German; and to participate more fully in the global community.	

German III	
Course Number	270045
Audience	11 th or 12 th Graders
Credits	1 Credit Course, Block or 2 Semesters on 6- or 7-Period Day
Prerequisites	German II
Testing Requirements	Semester and Final Exams
Materials	Wimba Voice Tools (Provided by SDE) Discovery Education Streaming (Provided by SDE) Windows Media Player or QuickTime Microphone, Speakers, and/or Headphones
Description: German III is a third-year modern language course, which provides students with opportunities to communicate at a basic level; to develop insights into German cultures; to better understand their own language and culture; to access knowledge from other disciplines using German; and to participate more fully in the global community.	

Mandarin Chinese I	
Course Number	270003
Audience	8 th , 9 th , 10 th , 11 th , or 12 th Graders
Credits	1 Credit Course, Block or 2 Semesters on 6- or 7-Period Day
Prerequisites	None
Testing Requirements	Semester and Final Exams
Materials	Wimba Voice Tools (Provided by SDE) Discovery Education Streaming (Provided by SDE) Windows Media Player or QuickTime Microphone, Speakers, and/or Headphones
Description: This is a beginning level course which introduces the student to a variety of areas of Mandarin Chinese (simplified). In this course, the student will learn listening, speaking, reading, and writing skills through activities that are based on pedagogically proven methods of foreign language instruction. Grammar is introduced and practiced in innovative and interesting ways with a variety of learning styles in mind. Culture is sprinkled throughout the course in an attempt to help the learner focus on the Chinese speaking world and its culture, people, geographical locations, and history.	

Mandarin Chinese II	
Course Number	270004
Audience	9 th , 10 th , 11 th , or 12 th Graders
Credits	1 Credit Course, Block or 2 Semesters on 6- or 7-Period Day
Prerequisites	Mandarin Chinese I
Testing Requirements	Semester and Final Exams
Materials	Wimba Voice Tools (Provided by SDE) Discovery Education Streaming (Provided by SDE) Windows Media Player or QuickTime Microphone, Speakers, and/or Headphones
<p>Description: This is an intermediate level course which introduces the student to a variety of areas of Mandarin Chinese (simplified). In this course, the student will learn listening, speaking, reading, and writing skills through activities that are based on pedagogically proven methods of foreign language instruction. Grammar is introduced and practiced using innovative and interesting ways with a variety of learning styles in mind. Students learn to express themselves using an increasing vocabulary, present-tense verbs, articles, and adjectives. Units include daily routine, animals, hobbies, the body, and descriptions. Culture is sprinkled throughout the course in an attempt to help the learner focus on the Chinese speaking world and its culture, people, geographical locations, and history.</p>	

AP Spanish	
Course Number	270157
Audience	11 th or 12 th Graders
Credits	1 Credit Course, Block or 2 Semesters on 6- or 7-Period Day
Prerequisites	3-4 years of Spanish or equivalent; Recommended for qualified AP students
Testing Requirements	Semester and Final Exams; Optional AP Exam
Materials	Optional Texts: Abriendo Paso: Gramatica 2007, Jose M. Diaz 0131660985; Prentice Hall/Pearson GRAMATICA Student Edition (hardcover) \$47.25 Price May Change; Abriendo Paso: Lectura 2007, Jos M. Diaz 0131660977; Prentice Hall/Pearson; Lectura Student Edition (hardcover) \$63.75 Price May Change
<p>Description: College-level course approved by the College Board Advanced Placement (AP) Program for Spanish; performance in listening, speaking, reading, and writing for a variety of situations with emphasis on vocabulary, structure, fluency, and accuracy; extensive writing of compositions</p>	

ELECTIVES

Creative Writing	
Course Number	200033
Audience	10 th , 11 th , or 12 th Graders
Credits	½ Credit, 1 st or 2 nd Semester on 6- or 7-Period Day OR 1 Credit, Block
Prerequisites	None
Testing Requirements	None
Materials	Discovery Education Streaming (Provided by SDE) Windows Media Player or QuickTime
Description: In Creative Writing, students will learn to express themselves in their writing by composing poetry, short stories, and critical responses. They will be required to keep a journal with daily writing assignments.	

Business Technology Applications	
Course Number	450006
Audience	8 th , 9 th , 10 th , 11 th , or 12 th Graders
Credits	1 Credit Course, Block or 2 Semesters on 6- or 7-Period Day
Prerequisites	None
Testing Requirements	Semester and Final Exams
Materials	None
Description: A one-credit foundation course designed to assist students in developing technological proficiencies in word processing, spreadsheets, databases, presentations, communications, Internet use, ethics, and careers using technology applications.	

Global Studies (Contemporary Issues)	
Course Number	230201
Audience	9 th , 10 th , 11 th , or 12 th Graders
Credits	1 Credit Course, Block or 2 Semesters on 6- or 7-Period Day
Prerequisites	None
Testing Requirements	Semester and Final Exams
Materials	Discovery Education Streaming SAS [®] Curriculum Pathways [®] (Provided by SDE)
Description: Global Studies uses research and writing in assignments designed to help students learn about human rights, the environment, global security, and international economic systems. Students will identify real global problems and then suggest well-developed solutions. This course does not count as one of the four Social Studies courses required for graduation.	

Personal Finance	
Course Number	400022
Audience	9 th , 10 th , 11 th , or 12 th Graders
Credits	½ Credit, 1 st or 2 nd Semester
Prerequisites	None
Testing Requirements	Final Exam
Materials	
<p>Description: Personal Finance is a one-semester course which provides the students with activities and projects to develop an understanding of financial management concepts. Students study personal finances, which include budgeting, saving, checking, investments, credit, insurance, paying and preparing income tax returns, employment forms, and basic financial skills for life. Students learn to better prepare financially for their futures through wise money management.</p>	

Accounting	
Course Number	470012
Audience	10 th , 11 th , or 12 th Graders
Credits	1 Credit Course, Block or 2 Semesters on 6- or 7-Period Day
Prerequisites	None
Testing Requirements	Semester and Final Exams
Materials	
<p>Description: Accounting will provide the students with a foundation for college accounting courses, office work, and small business management. This is a necessary course for students pursuing a business degree in college. Three forms of accounting are studied: financial, cost, and management. The basic rules, concepts, and conventions of the double entry system are covered. Techniques to analyze ratios from balance sheets are introduced. All chapters cover ethics, integrity, and confidentiality necessary in the business world.</p>	

Nutrition and Wellness (Dietetics)	
Course Number	510014
Audience	9 th , 10 th , 11 th , or 12 th Graders
Credits	½ Credit, 1 st or 2 nd Semester
Prerequisites	None
Testing Requirements	Final Exam
Materials	
<p>Description: Nutrition and Wellness is a one-semester course which provides the students with good nutrition principles for human physical and mental wellness. Discussions include wellness and food choices in today's world, digestion and major nutrients, body size and weight management, physical fitness, sports nutrition, stress and fitness, and life-span nutrition. The following content standards from the Dietetics course are taught first during the half-credit course: 1, 2, 5, 6, 7, 9, 10, 12, 16, and 19.</p>	

Reading (Reading 2 Succeed)	
Course Number	200061
Audience	9 th , 10 th , 11 th , or 12 th Graders
Credits	½ Credit, 1 st or 2 nd Semester
Prerequisites	None
Testing Requirements	None
Materials	
<p>Description: This course has been designed to help prepare students for the Reading portion of the Alabama High School Graduation Exam (AHSGE). Reading passages for the course mirror those found on the AHSGE and may be categorized as these three text types: textual materials, recreational materials, and functional materials. Activities and assessments allow students opportunities to increase their critical thinking skills in order to gain a deeper understanding of the covered objectives.</p>	

Web Design I (Multimedia Design)	
Course Number	410016
Audience	10 th , 11 th , or 12 th Graders
Credits	1 Credit Course, Block or 2 Semesters on 6- or 7-Period Day
Prerequisites	Computer Applications and/or Keyboarding
Testing Requirements	Semester and Final Exams
Materials	1 (2 ½ or 3 inch) 3-Ring Notebook Paper for Printing 1 (3-Hole) Punch Storage Media Download KompoZer at http://sourceforge.net/project/downloading.php?groupname=kompozer&filename=kompozer-0.7.10-win32.zip&use_mirror=ovh . Download GIMP (Free) at http://www.gimp.org/downloads/ . Download WinZip (free) at http://www.winzip.com/index.htm (evaluation copy).
<p>Description: Web Design I enables the student to become a Web Design Intern for a virtual company called Education Designs. The student will use the same computer each day and will have access to storage space on that computer. The student will learn Internet basics, HTML, and the file structure of a well-organized Web site. Visually interesting Web pages will be developed using clear text, complimentary colors, visual assets, and appealing designs. The student will learn how to navigate the Internet to build a Web site with useful and well-researched information. The Web pages developed can be used as information sources for other Internet users.</p>	

Web Design II (Information Technology)	
Course Number	520001
Audience	11 th or 12 th Graders
Credits	1 Credit Course, Block or 2 Semesters on 6- or 7-Period Day
Prerequisites	Computer Applications and/or Keyboarding AND Web Design I
Testing Requirements	Semester and Final Exams
Materials	1 (2 ½ or 3 Inch) 3-Ring Notebook Paper for Printing 1 (3-Hole) Punch Storage Media Download KompoZer at http://sourceforge.net/project/downloading.php?groupname=kompozer&filename=komp ozer-0.7.10-win32.zip&use_mirror=ovh . Download GIMP (Free) at http://www.gimp.org/downloads/ . Download WinZip (Free) at http://www.winzip.com/index.htm (evaluation copy).
<p>Description: This course takes the student through the entire Web site construction process from planning, through creating the structure, to adding the final graphics to enhance the completed design. The student will use the same computer each day and will have access to storage space on that computer. The student will learn how to create a storyboard or blueprint for a Web site; learn about Web site navigation, style sheets, graphic creation, digital image optimization, security, and server hosting; and learn how to work in teams, with specific tasks assigned to individual team members. Freeware products are used for Web site creation and management.</p>	

Workforce Essentials	
Course Number	400016
Audience	9 th , 10 th , 11 th , or 12 th Graders
Credits	1 Credit Course, Block or 2 Semesters on 6- or 7-Period Day
Prerequisites	None
Testing Requirements	Semester and Final Exams
Materials	
<p>Description: Workforce Essentials is a one-credit course that provides students with higher-level academic and occupational skills that are transferable across jobs and occupational areas. Emphasis is placed on career development and employment.</p>	

Computer Programming BASIC I	
Course Number	520006
Audience	10 th , 11 th , or 12 th Graders
Credits	½ Credit, 1 st or 2 nd Semester
Prerequisites	Algebra I; Advanced computer skills; Geometry is strongly recommended
Testing Requirements	Semester Exam
Materials	Notebook Paper QBasic and Acrobat Reader will need to be downloaded to the desktop. The free downloads are found at QBASIC.EXE and http://www.adobe.com . It is very important to make a windows platform available. Students will need to use the same computer each day and be provided with storage media.
<p>Description: Using a programming language called QBasic, the student will learn fundamental programming functions before progressing to a more advanced programming language in the future. Flowcharts, algebraic skills, and analogical processes will be used to create structured programs. This course teaches students to program and learn a programming language. Simple statements (e.g. PRINT, INPUT, LET, IF, THEN, ELSE, COLOR, and END) will enable students to create programs and perform calculations, interact with the user, and make decisions. This course does not teach basic computer literacy skills; therefore students may require other courses to sharpen their basic computer literacy skills before taking this course, which requires advanced computer skills. The student will learn how to define problems, create algorithms and pseudocode flow charts, code programs, test and debug programs, and document them.</p>	

Psychology	
Course Number	230071
Audience	10 th , 11 th , or 12 th Graders
Credits	½ Credit, 1 st or 2 nd Semester
Prerequisites	None
Testing Requirements	Final Exam
Materials	None
<p>Description: Psychology is a study of the history of psychological inquiry, methods of scientific research, biological basis of behavior, human development and individual differences, states of consciousness in learning and memory, psychological disorders and treatments, and terminology and theories.</p>	

AP Psychology	
Course Number	230072
Audience	11 th or 12 th Graders
Credits	1 Credit Course, Block or 2 Semesters on 6- or 7-Period Day
Prerequisites	Students should exhibit a willingness to meet rigorous academic challenges, a strong ability to think critically, and excellent reading proficiency.
Testing Requirements	Semester and Final Exams; Optional AP Exam
Materials	<i>Psychology AP: 2nd Edition Ciccarelli and White</i> ; Prentice Hall/Pearson 1-800-848-9500 ISBN 0131376772; eBook \$ 112.47 ISBN 9780205786176; Hardcover \$76.47 ISBN 9780205794911; Online subscription \$51.47; Prices May Change <i>Supplemental Materials: Maitland, Laura Lincoln. 5 Steps to a 5: AP Psychology. New York: McGraw-Hill, 2004; Leal, Linda. Essentials: Psychology I & II. New Jersey: Research & Education Association, 2005.</i>
<p>Description: The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. The course has been authorized by the College Board and meets all requirements established by that organization. This course introduces students to the major topics of the field, the terminology and methodology of psychology, and the historical and current understanding of human behavior and thought processes. Students will learn to analyze human experiences like psychologists do and apply what they have learned in the world around them. Its study is equivalent to an introductory college course in psychology. Students are encouraged to take the AP Psychology Exam in order to earn college credit.</p>	

AP Computer Science A	
Course Number	520007
Audience	11 th and 12 th Graders
Credits	1 Credit Course, Block or 2 Semesters on 6- or 7-Period Day
Prerequisites	Algebra I, Algebra II, higher-order mathematical reasoning and problem solving skills, computational understanding of functions and function notation, proficient written communication skills
Testing Requirements	Semester and Final Exams; Optional AP Exam
Materials	<p>Students will need to download an HTML editor, Image Editor, and a zipping program. These programs are free and should be downloaded using the appropriate software for the computer used as instructed in the lessons. Several pieces of free software include Java programming language, a program editor for writing code, and the GridWorld Case Study. Other student supplies should include a 2 ½ or 3 inch 3-ring notebook, paper, and storage media for keeping back-up copies of the student's work. This product meets the requirement of the Gridworld Case Study link to the College Board. The material used in AP Computer Science is the IMACS material. A unique feature of this curriculum is an embedded Java compiler that allows you to understand material presented in each unit by experimenting before writing your own programs. To prepare for the APCS Exam in Java, Terry Kaufman should be contacted at tkaufman@imacs.org, 954-791-2333, 7435 NW 4th Street, Plantation, FL 33317. A cost is involved with the test preparation.</p> <p>Optional Resources: Institute of Computer Technology: ICT's Advanced Placement (AP) Computer Science Java Curriculum v 2.0 (http://www.ict.org/java.html); Horstmann, C. (2006) <i>Java Concepts (4th ed.)</i>. Hoboken, NJ: Wiley.</p>
<p>Description: The AP Computer Science A course is a computer course which involves developing the skills needed to write programs or parts of programs that correctly solve specific problems. The course has been authorized by the College Board and meets all requirements established by that organization. AP Computer Science A also emphasizes the design issues that make programs understandable, adaptable, and (when appropriate) reusable. At the same time, the development of useful computer programs and classes is used as a context for introducing other important concepts in computer science, including the development and analysis of algorithms, the development and use of fundamental data</p>	

structures, and the study of standard algorithms and typical applications. An understanding of the basic hardware and software components of computer systems and the responsible use of these systems are integral parts of the course.

AP Art History	
Course Number	280101
Audience	11 th or 12 th Graders
Credits	1 Credit Course, Block or 2 Semesters on 6- or 7-Period Day
Prerequisites	Successful Study in Other Humanities, such as History, Literature, or in any of the Studio Arts
Testing Requirements	Semester and Final Exams Optional AP Exam
Materials	Optional Text – <i>Gardner's Art Through The Ages</i> , Kleiner/Marmiya, 13 th Edition, 2005, ISBN #9780495093077, Holt/McDougal, 1-800-462-6595 \$131.21 Price May Change
<p>Description: AP Art History will provide students with an understanding and knowledge of architecture, sculpture, painting, and other art forms within diverse historical and cultural contexts. The course has been authorized by the College Board and meets all requirements established by that organization. Students will examine and critically analyze major forms of artistic expression from the past and the present from a variety of cultures. Students are encouraged to take the AP Art History Exam in order to earn college credit. AP Art History does not satisfy the one-half credit art requirement for graduation.</p>	

HEALTH

Health Education	
Course Number	250002
Audience	10 th , 11 th , or 12 th Graders
Credits	½ Credit, 1 st or 2 nd Semester
Prerequisites	None
Testing Requirements	Final Exams
Materials	Discovery Education Streaming (Provided by SDE) Windows Media Player or QuickTime
Description: Health Education covers the basic concepts of wellness and health promotion; accessing health information, products and services; application of health decision-making and goal-setting skills; and the impact of technology on health.	

ARTS

Arts Survey	
Course Number	280001
Audience	9 th , 10 th , 11 th , or 12 th Graders
Credits	½ Credit, 1 st or 2 nd Semester
Prerequisites	None
Testing Requirements	Final Exams
Materials	
Description: Introduces students to the four arts disciplines-dance, music, theatre, and visual arts. Arts Survey satisfies the one-half credit art requirement for graduation.	



**Welcome to the
Alabama High School Graduation Exam (AHSGE)
Remediation Modules**

(Hosted Via Moodle)

The *AHSGE* Remediation modules are set up to allow students to self-enroll and have access to the modules at any time and from any location. The modules are self-paced and designed to help students individually prepare for the graduation exam by providing practice materials and by removing all time constraints and grading concerns.

To initiate the enrollment process, students will be prompted to self-enroll at <http://moodle.accessdl.state.al.us>. A valid e-mail address will be needed initially to access a module. If students do not have e-mail accounts, counselors or designated teachers may utilize their own personal e-mail addresses to assist the students in creating Moodle accounts. E-mail will not be needed after the initial enrollment. After creating an account, students will be instructed to obtain individual enrollment keys for each module in which they wish to enroll. Moodle has been programmed to automatically notify the counselors or designated teachers when students enroll in one of the modules. If students want to self-enroll, instructions are located in each module below the module descriptions. Enrollment instructions are available via a Moodle link on the ACCESS home page (<http://accessdl.state.al.us>). If you have any questions, please contact jgreene@alsde.edu.

Alabama High School Graduation Exam REMEDICATION MODULES VIA MOODLE

AHSGE Mathematics Remediation	
Course Number	
Audience	10 th , 11 th , or 12 th Graders in Need of Remediation for the <i>AHSGE</i>
Credit	No Credit
Prerequisites	None
Testing Requirements	Self-Assessments Within the Module
Materials	
Description: This is a remediation module which provides supplementary materials designed to assist students with the mastery of mathematics content on the <i>Alabama High School Graduation Exam</i> . Students enter this module through http://moodle.accessdl.state.al.us . Counselors will provide module enrollment assistance.	

AHSGE Science Remediation	
Course Number	
Audience	10 th , 11 th , or 12 th Graders in Need of Remediation for the <i>AHSGE</i>
Credit	No Credit
Prerequisites	None
Testing Requirements	Self-Assessments Within the Module
Materials	
Description: This is a remediation module which provides supplementary materials designed to assist students with the mastery of science content on the <i>Alabama High School Graduation Exam</i> . Students enter this module through http://moodle.accessdl.state.al.us . Counselors will provide module enrollment assistance.	

AHSGE Language Remediation	
Course Number	
Audience	10 th , 11 th , or 12 th Graders in Need of Remediation for the <i>AHSGE</i>
Credit	No Credit
Prerequisites	None
Testing Requirements	Self-Assessments Within the Module
Materials	
Description: This is a remediation module which provides supplementary materials designed to assist students with the mastery of content on the language portion of the <i>Alabama High School Graduation Exam</i> . Students enter this module through http://moodle.accessdl.state.al.us . Counselors will provide module enrollment assistance.	

ASHGE Reading Comprehension Remediation	
Course Number	
Audience	10 th , 11 th , or 12 th Graders in Need of Remediation for the <i>AHSGE</i>
Credit	No Credit
Prerequisites	None
Testing Requirements	Self-Assessments Within the Module
Materials	
Description: This is a remediation module which provides supplementary materials designed to assist students with the mastery of content on the reading comprehension portion of the <i>Alabama High School Graduation Exam</i> . Students enter this module through http://moodle.accessdl.state.al.us . Counselors will provide module enrollment assistance.	

AHSGE Social Studies Remediation	
Course Number	
Audience	10 th , 11 th , or 12 th Graders in Need of Remediation for the <i>AHSGE</i>
Credit	No Credit
Prerequisites	None
Testing Requirements	Self-Assessments Within the Module
Materials	
Description: This is a remediation module which provides supplementary materials designed to assist students with the mastery of social studies content on the <i>Alabama High School Graduation Exam</i> . Students enter this module through http://moodle.accessdl.state.al.us . Counselors will provide module enrollment assistance.	