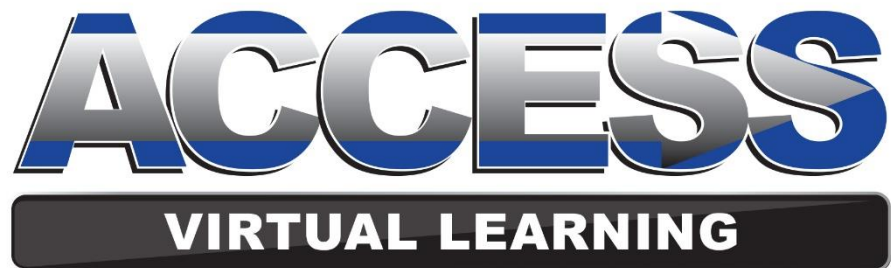




Fall 2019 – Summer 2020

Web-Based Course Offerings



Updated: 04/05/2019

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WEB-BASED COURSE OFFERINGS (*Brightspace* by D2L)

- All students taking a Web-based course will need a high-speed Internet connection and headphones with microphone.
- All of the eBook purchases are yearly subscriptions.
- Credit Recovery courses are designated within the regular course descriptions. Students are allowed to proceed from one content section to the next after successful mastery of the previous content section.
- Credit Advancement courses are designated within the regular course descriptions.

MATHEMATICS

Algebra I (State Course #210005)	
Audience	09-12
Credits	Credit Available Full (1)
Prerequisites	Successful Completion of Mathematics 8
Testing Requirements	Term Exams
Materials	Calculator (online or other) Discovery Education Streaming (Provided by SDE) A media player SAS® Curriculum Pathways® (Provided by SDE) Course does not require textbook
<p>Description: NOTE: ALGEBRA I IS ONE OF THE COURSES REQUIRED FOR ALL STUDENTS. SYSTEMS OFFERING ALGEBRA I IN GRADE 8 HAVE THE RESPONSIBILITY OF ENSURING THAT ALL OF ALGEBRA I COURSE CONTENT STANDARDS AND GRADE 8 COURSE CONTENT STANDARDS BE INCLUDED IN INSTRUCTION. SYSTEMS OFFERING ALGEBRA I IN GRADE 7 HAVE THE RESPONSIBILITY OF ENSURING THAT ALL OF ALGEBRA I COURSE CONTENT STANDARDS, GRADE 8 COURSE CONTENT STANDARDS, AND GRADE 7 COURSE CONTENT STANDARDS BE INCLUDED IN INSTRUCTION. This course builds on foundational mathematics content learned by students in Grades K-8 by expanding mathematics understanding to provide students with a strong mathematics education. Content is designed to engage students in a variety of mathematical experiences that include the use of reasoning and problem-solving skills, which may be applied to life situations beyond the classroom setting. This course serves as the cornerstone for all high school mathematics courses; therefore, all subsequent mathematics courses require student mastery of the Algebra I content standards. This course is also available as a Credit Recovery and Credit Advancement Course. Please read the statement regarding Credit Recovery and Credit Advancement.</p>	

Algebra IA (State Course #210008)	
Audience	09-12
Credits	Credit Available Full (1)
Prerequisites	Successful Completion of Mathematics 8
Testing Requirements	Term Exams
Materials	Calculator (online or other) Discovery Education Streaming (Provided by SDE) A media player Course does not require textbook
<p>Description: NOTE: FULFILLS ONE OF THE FOUR MATHEMATICS CREDITS REQUIRED FOR GRADUATION. First part of a formal study of algebraic concepts and the real number system and is approximately one-half of the content of Algebra I. Content standards 3, 4, 5, 6, 7, 7a, 7b, 8, 12, 13, 14, 15, 16, 17, 19, 20, 22, 23, 24, 25, 26, 28, 29, 30, 31, 31a, 32, 33, 34, 34a, 34b, 35, 36, 37a, 37b, 38, 40, 45, 45a, 45b, 45c, and 46 must be taught in this course.</p> <p>This course is also available as a Credit Recovery Course. Please read the statement regarding Credit Recovery.</p>	

Algebra IB (State Course #210009)	
Audience	09-12
Credits	Credit Available Full (1)
Prerequisites	Successful Completion of Algebra IA
Testing Requirements	Term Exams
Materials	Calculator (online or other) Discovery Education Streaming (Provided by SDE) A media player SAS® Curriculum Pathways® (Provided by SDE) Course does not require textbook
<p>Description: NOTE: FULFILLS ONE OF THE FOUR MATHEMATICS CREDITS REQUIRED FOR GRADUATION. This is the second part of a formal study of algebraic concepts and the real number system and is approximately one-half of the content of Algebra I. Content standards 1, 2, 3, 7, 7a, 7b, 8, 9, 9a, 9b, 9c, 9d, 10, 11, 12, 13, 16, 18, 18a, 18b, 21, 23, 27, 28, 29, 30, 31, 31a, 31b, 32, 32a, 32b, 33, 34, 34a, 34b, 35, 36, 37, 37a, 37c, 38, 39, 40, 41, 42, 43, 44, 45, 45a, 45b, and 47 must be taught in this course.</p> <p>This course is also available as a Credit Recovery Course. Please read the statement regarding Credit Recovery.</p>	

Geometry (State Course #210010)	
Audience	09-12
Credits	Credit Available Full (1)
Prerequisites	Successful Completion of Algebra I OR Algebra IA and Algebra IB
Testing Requirements	Term Exams
Materials	Calculator (online or other) Protractor Compass Geogebra (free) A media player Course does not require textbook
<p>Description: NOTE: GEOMETRY IS ONE OF THE COURSES REQUIRED FOR ALL STUDENTS. The Geometry course builds on Algebra I concepts and increases students' knowledge of shapes and their properties through geometry-based application, many of which are observable in aspects of everyday life. This knowledge helps develop visual and spatial sense and strong reasoning skills. The Geometry course requires students to make conjectures and to use reasoning to validate or negate these conjectures. The use of proofs and constructions is a valuable tool that enhances reasoning skills and enables students to better understand more complex mathematical concepts. Technology should be used to enhance students' mathematical experience, not replace their reasoning abilities.</p> <p>This course is also available as a Credit Recovery and Credit Advancement Course. Please read the statement regarding Credit Recovery and Credit Advancement.</p>	

Geometry A (State Course #210013)	
Audience	09-12
Credits	Credit Available Full (1)
Prerequisites	Successful Completion of Algebra I OR Algebra IA and Algebra IB
Testing Requirements	Term Exams
Materials	Calculator (online or other) Protractor Compass Geogebra (free) A media player Course does not require textbook
<p>Description: NOTE: FULFILLS ONE OF THE FOUR MATHEMATICS CREDITS REQUIRED FOR GRADUATION. First part of a study of Euclidean geometry and is approximately one-half of the content of Geometry. Content standards 1, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 26, 30, 31, 32, 33, and 34 must be taught in this course.</p> <p>This course is also available as a Credit Recovery Course. Please read the statement regarding Credit Recovery.</p>	

Geometry B (State Course #210014)	
Audience	09-12
Credits	Credit Available Full (1)
Prerequisites	Successful Completion of Algebra I OR Algebra IA and Algebra IB AND Geometry A
Testing Requirements	Term Exams
Materials	Calculator (online or other) Protractor Compass Geogebra (free) A media player Course does not require textbook
<p>Description: NOTE: FULFILLS ONE OF THE FOUR MATHEMATICS CREDITS REQUIRED FOR GRADUATION. Second part of a study of Euclidean geometry and is approximately one-half of the content of Geometry. Content standards 2, 12, 17, 18, 19, 20, 21, 22, 23, 24, 25, 27, 28, 29, 35, 36, 37, 38, 39, 40, 41, 42, and 43 must be taught in this course.</p> <p>This course is also available as a Credit Recovery Course. Please read the statement regarding Credit Recovery.</p>	

Algebraic Connections (State Course #210015)	
Audience	09-12
Credits	Credit Available Full (1)
Prerequisites	Successful Completion of Algebra I OR Algebra IA and Algebra IB; Successful Completion of Geometry
Testing Requirements	Terms Exams
Materials	Calculator (online or other) Protractor Compass Discovery Education Streaming (Provided by SDE) A media player Course does not require textbook
<p>Description: NOTE: FULFILLS ONE OF THE FOUR MATHEMATICS CREDITS REQUIRED FOR GRADUATION. THE PREREQUISITES FOR ALGEBRAIC CONNECTIONS ARE ALGEBRA I AND GEOMETRY. Algebraic Connections is a course designed for students who wish to increase their mathematical knowledge and skills prior to enrollment in the Algebra II course or the Algebra II with Trigonometry course. Algebraic Connections expands upon the concepts of Algebra I and Geometry, with an emphasis on applying functions to make predictions and to calculate outcomes.</p> <p>This course is also available as a Credit Recovery and Credit Advancement Course. Please read the statement regarding Credit Recovery and Credit Advancement.</p>	

Algebra II (State Course #210016)	
Audience	09-12
Credits	Credit Available Full (1)
Prerequisites	Successful Completion of Algebra I OR Algebra IA and Algebra IB; Successful Completion of Geometry
Testing Requirements	Term Exams
Materials	Calculator (online or other) Geogebra (free) SAS® Curriculum Pathways® (Provided by SDE) Discovery Education Streaming (Provided by SDE) A media player Course does not require textbook
<p>Description:</p> <p>NOTE: FULFILLS ONE OF THE FOUR MATHEMATICS CREDITS REQUIRED FOR GRADUATION. THE PREREQUISITES FOR ALGEBRA II ARE ALGEBRA I AND GEOMETRY. Algebra II is a course designed to extend students' algebraic knowledge and skills beyond Algebra I. Students are encouraged to solve problems using a variety of methods that promote the development of improved communication skills and foster a deeper understanding of mathematics. To help students appreciate the power of algebra, application-based problems are incorporated throughout the course. The use of appropriate technology is also encouraged for numerical and graphical investigations. Algebra II is required to complete the graduation requirements for the Alabama High School Diploma. Algebra II does not provide sufficient background to prepare students to pursue higher-level mathematics courses such as Pre-Calculus, Analytical Mathematics and Discrete Mathematics.</p> <p>This course is also available as a Credit Recovery and Credit Advancement Course. Please read the statement regarding Credit Recovery and Credit Advancement.</p>	

Algebra with Finance (State Course #210036)	
Audience	10-12
Credits	Credit Available Full (1)
Prerequisites	None
Testing Requirements	Term Exams
Materials	Course does not require textbook
<p>Description: Algebra with Finance is a college and career preparatory course that integrates algebra, Precalculus, probability and statistics, calculus and geometry to solve financial problems that occur in everyday life. Real-world problems in investing, credit, banking, auto insurance, mortgages, employment, income taxes, budgeting and planning for retirement are solved by applying the relevant mathematics that are taught at a higher level. Students are encouraged to use a variety of problem-solving skills and strategies in real-world contexts, and to question outcomes using mathematical analysis and data to support their findings. The course offers students multiple opportunities to use, construct, question, model, and interpret financial situations through symbolic algebraic representations, graphical representations, geometric representations, and verbal representations. Math concepts and skills are applied through study and problem-solving activities in workforce situations in the following areas: banking, investing, employment and income taxes, automobile ownership and operation, mathematical operations, consumer credit, independent living, and retirement planning and budgeting. This course may be used as the fourth math credit, a substitute for Algebra II, or an elective. This course is also available as a Credit Recovery and Credit Advancement Course. Please read the statement regarding Credit Recovery and Credit Advancement.</p>	

Algebra II with Trigonometry (State Course #210017)	
Audience	09-12
Credits	Credit Available Full (1)
Prerequisites	Successful Completion of Algebra I OR Algebra IA and Algebra IB; Successful Completion of Geometry
Testing Requirements	Term Exams
Materials	Calculator (online or other) Geogebra (free) SAS® Curriculum Pathways® (Provided by SDE) Discovery Education Streaming (Provided by SDE) A media player Course does not require textbook
<p>Description: NOTE: FULFILLS ONE OF THE FOUR MATHEMATICS CREDITS REQUIRED FOR GRADUATION. IF A STUDENT CHOOSES TO TAKE THE ALGEBRAIC CONNECTIONS COURSE, IT MUST BE TAKEN PRIOR TO THE ALGEBRA II WITH TRIGONOMETRY COURSE. THE PREQUISITES FOR THIS COURSE ARE ALGEBRA I AND GEOMETRY. Algebra II with Trigonometry is a course 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 mathematic. The use of appropriate technology is encouraged for numerical and graphical investigations that enhance analytical comprehension.</p> <p>This course is also available as a Credit Recovery and Credit Advancement Course. Please read the statement regarding Credit Recovery and Credit Advancement.</p>	

Precalculus (State Course #210020)	
Audience	09-12
Credits	Credit Available Full (1)
Prerequisites	Successful Completion of Algebra I, Geometry, AND Algebra II with Trigonometry
Testing Requirements	Term Exams
Materials	Scientific Calculator Mathtype (Provided by SDE) Geogebra (free) A media player Course does not require textbook
<p>Description: NOTE: FULFILLS ONE OF THE FOUR MATHEMATICS CREDITS REQUIRED FOR GRADUATION. Precalculus is a course designed for students who have successfully completed the Algebra II with Trigonometry course. This course is considered to be a prerequisite for success in calculus and college mathematics. Algebraic, graphical, numerical, and verbal analyses are incorporated during investigations of the Precalculus content standards. Parametric equations, polar relations, vector operations, conic sections, and limits are introduced. Content for this course also includes an expanded study of polynomial and rational functions, trigonometric functions, and logarithmic and exponential functions. Application-based problem solving is an integral part of the course. Instruction should include appropriate use of technology to facilitate continued development of students' higher-order thinking skills.</p> <p>This course is also available as a Credit Advancement Course. Please read the statement regarding Credit Advancement.</p>	

AP Calculus AB (State Course #210025)	
Audience	11-12
Credits	Credit Available Full (1)
Prerequisites	Successful Completion of Algebra I, Geometry, Algebra II with Trigonometry, AND Precalculus
Testing Requirements	Term Exams; Optional AP Exam
Materials	<p>Schools are required to purchase student licenses for <i>Study Forge</i> (videos). For purchase details, go to http://accessdl.state.al.us/content/Web_Based_Courses_Resource_List</p> <p>Students will use a graphing calculator. The list of College Board approved calculators can be found here: https://apstudent.collegeboard.org/apcourse/ap-calculus-ab/calculator-policy</p> <p>Mathtype (Provided by SDE)</p> <p>Geogebra (free)</p> <p>Java</p>
<p>Description: NOTE: FULFILLS ONE OF THE FOUR MATHEMATICS CREDITS REQUIRED FOR GRADUATION. College-level advanced math course approved by the College Board Advanced Placement (AP) program for calculus; functions, graphs, and limits; derivatives; integrals; polynomial approximations and series.</p>	

AP Statistics (State Course #210027)	
Audience	11-12
Credits	Credit Available Full (1)
Prerequisites	Successful Completion of Algebra I, Geometry, Algebra II with Trigonometry, AND Precalculus
Testing Requirements	Term Exams; Optional AP Exam
Materials	<p>For resources including textbooks go to: http://accessdl.state.al.us/content/Web_Based_Courses_Resource_List Students will use a graphing calculator. The list of College Board approved calculators can be found here: https://apstudent.collegeboard.org/apcourse/ap-calculus-ab/calculator-policy Mathtype (Provided by SDE) Geogebra (free) Java Discovery Education Streaming (Provided by SDE)</p>
<p>Description: NOTE: FULFILLS ONE OF THE FOUR MATHEMATICS CREDITS REQUIRED FOR GRADUATION. College-level advanced course approved by the College Board Advanced Placement (AP) Program for statistics; introductory, non-calculus based course to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusion from data. AP Statistics data analysis is dependent on the use of technology. 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 (State Course #220051)	
Audience	09-12
Credits	Credit Available Full (1)
Prerequisites	None
Testing Requirements	Term Exams
Materials	Lab Materials as Determined by Course Discovery Education Streaming (Provided by SDE) Calculator (online or other) A media player Course does not require textbook
<p>Description: NOTE: FULFILLS THE “A PHYSICAL SCIENCE” GRADUATION REQUIREMENT. Conceptual inquiry-based course with engineering design integration providing investigation of the basic concepts of chemistry and physics including matter and its interactions, motion and stability, energy, and waves and information technologies.</p> <p>This course is also available as a Credit Recovery and Credit Advancement Course. Please read the statement regarding Credit Recovery and Credit Advancement.</p>	

Biology (State Course #220011)	
Audience	09-12
Credits	Credit Available Full (1)
Prerequisites	Successful Completion of Physical Science (8 th or 9 th Grade); Algebra I Recommended
Testing Requirements	Term Exams
Materials	SAS® Curriculum Pathways® (Provided by SDE) Lab Materials as Determined by Course Course does not require textbook
<p>Description: NOTE: BIOLOGY COURSES 220011, 220012, AND 220013 ARE THE ONLY SCIENCE COURSES THAT FULFILL THE “BIOLOGY” GRADUATION REQUIREMENT. MAY NOT BE DIVIDED INTO BIOLOGY 1 AND 2. Inquiry-based course with engineering design integration; focused on patterns, processes, and interactions among living organisms including structures and processes, ecosystems, heredity, and unity and diversity.</p> <p>This course is also available as a Credit Recovery and Credit Advancement Course. Please read the statement regarding Credit Recovery and Credit Advancement.</p>	

Human Anatomy and Physiology (State Course #220026)	
Audience	09-12
Credits	Credit Available Full (1)
Prerequisites	
Testing Requirements	Term Exams
Materials	Course does not require textbook
Description: NOTE: DOES NOT FULFILL THE GRADUATION REQUIREMENT FOR BIOLOGY OR "A PHYSICAL SCIENCE". Study of structure and function of human body systems from the cellular level to the organism level; interactions within and between systems that maintain homeostasis in an organisms; how personal choices, environmental factors, and genetic factors affect the human body. This course is also available as a Credit Recovery and Credit Advancement Course. Please read the statement regarding Credit Recovery and Credit Advancement.	

Chemistry (State Course #220061)	
Audience	09-12
Credits	Credit Available Full (1)
Prerequisites	Successful Completion of Algebra I AND Biology; Algebra II with Trigonometry Recommended
Testing Requirements	Term 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 SAS® Curriculum Pathways® (Provided by SDE) Discovery Education Streaming – Online (Provided by SDE) A media player Calculator (online or other) Course does not require textbook
Description: NOTE: FULFILLS THE "A PHYSICAL SCIENCE" GRADUATION REQUIREMENT. Investigation of empirical concepts central to biology, earth science, environmental science, and physiology; in-depth investigations on the properties and interactions of matter including matter and its interactions, concentration of forces and motion, types of interactions, stability and instability in chemical systems, conservation of energy, energy transformations, and applications of energy to everyday life. This course is also available as a Credit Recovery and Credit Advancement Course. Please read the statement regarding Credit Recovery and Credit Advancement.	

Environmental Science (State Course #220029)	
Audience	09-12
Credits	Credit Available Full (1)
Prerequisites	Successful Completion of Biology and Physical Science OR Biology and Chemistry
Testing Requirements	Term Exams
Materials	Lab Materials as Determined by Course Discovery Education Streaming (Provided by SDE) A media player Calculator (online or other) Course does not require textbook
<p>Description: NOTE: DOES NOT FULFILL THE GRADUATION REQUIREMENT FOR BIOLOGY OR "A PHYSICAL SCIENCE." Study of natural resources, natural hazards, human impacts on Earth systems and global climate change; design engineering solutions to solve various problems affecting Earth and its environment.</p> <p>This course is also available as a Credit Recovery and Credit Advancement Course. Please read the statement regarding Credit Recovery and Credit Advancement.</p>	

Physics (State Course #220071)	
Audience	09-12
Credits	Credit Available Full (1)
Prerequisites	Successful Completion of Biology, Physical Science, AND Algebra II with Trigonometry; Precalculus and Chemistry Recommended
Testing Requirements	Term Exams
Materials	A media player Lab Materials as Determined by Course Course does not require textbook
<p>Description: NOTE: FULFILLS THE A "PHYSICAL SCIENCE" GRADUATION REQUIREMENT. Detailed exploration of properties of physical matter, physical quantities, motion and stability, energy, and waves and their applications for information transfer through authentic investigations and engineering design processes.</p>	

Forensic & Criminal Investigation (State Course #410025)	
Audience	09-12
Credits	Credit Available Full (1)
Prerequisites	None
Testing Requirements	Term Exams
Materials	<p>Discovery Education Streaming</p> <p>Course does not require textbook</p> <p>Materials Needed for Lessons Listed Below.</p> <p>Lesson 3.02: (Note: If not permitted, there is an alternate activity requiring only pencil, tape, and card stock, so all materials under this lesson are optional.)</p> <p>Lit Candle, Balloon, Powder Makeup Brush, Tape</p> <p>Lesson 4.01: Forceps, Hand Lens, Several Small Envelopes or Sheets of Notebook Paper, Microscope, Microscope Slides, New T-shirt in Package or T-shirt That Has Just Been Washed Alone</p> <p>Lesson 4.02: Microscope, Microscope Slides</p> <p>Lesson 6.02: 4 Tbsp. Cornstarch, 2/3 cup Corn Syrup, Red and Green Food Coloring, 1-2 tsp. White Glue, Eyedropper or Pipette, Two Large Pieces of Cardboard or Paper, Meter Stick/Measuring Tape, Ruler</p> <p>Lesson 10.05: Black Felt Tip Pens (Labeled 1-4), Paper, Coffee Filters, Small Cup, Isopropyl Alcohol</p>
<p>Description: A one-credit course that focuses on the history of forensic science, criminal investigation, forensicserology and DNA, forensicstudies in anthropology, toxicology, fingerprinting, firearms, physics, and document examination.</p> <p>NOTE: Graphic images may be viewed. Waiver form required.</p>	

AP Biology (State Course #220014)	
Audience	11-12
Credits	Credit Available Full (1)
Prerequisites	Successful Completion of Biology AND Chemistry
Testing Requirements	Term Exams; Optional AP Exam
Materials	For resources including textbooks go to: http://accessdl.state.al.us/content/Web Based Courses Resource List A media player
Description: NOTE: BIOLOGY COURSES 220011, 220012, AND 220013 ARE ALL DEVELOPED FROM THE BIOLOGY CORE. THESE THREE COURSES ARE THE ONLY SCIENCE COURSES THAT FULFILL THE "BIOLOGY" GRADUATION REQUIREMENT. PREREQUISITE: IT IS RECOMMENDED THAT THE AP BIOLOGY COURSE IS DESIGNED TO BE TAKEN AFTER THE SUCCESSFUL COMPLETION OF A FIRST COURSE IN HIGH SCHOOL BIOLOGY AND ONE IN HIGH SCHOOL CHEMISTRY AS WELL. College-level advanced course following the curriculum established by the College Board Advanced Placement (AP) Program for biology; scientific process and application skills; molecules; cells; heredity; evolution; organisms; populations.	

ENGLISH

English 9 (State Course #200005)	
Audience	09
Credits	Credit Available Full (1)
Prerequisites	None
Testing Requirements	Term Exams
Materials	No textbook is required. All readings are provided online. Readings may include those on the English 9 Reading List at http://accesscd.ua.edu/english/reading-list-for-english-9
Description: NOTE: FULFILLS ENGLISH CREDIT REQUIRED FOR GRADUATION. Reading literature, reading informational text, writing, speaking and listening, and language. This course is also available as a Credit Recovery and Credit Advancement Course. Please read the statement regarding Credit Recovery and Credit Advancement.	

English 10 (State Course #200009)	
Audience	10
Credits	Credit Available Full (1)
Prerequisites	Successful Completion of English 9
Testing Requirements	Term Exams
Materials	No textbook is required. All readings are provided online. Readings may include those on the English 10 Readings might include: http://accessdl.state.al.us/AventaCourses/access_courses/english_10_ua_v15/01_unit/01-00/readinglist.pdf
Description: NOTE: FULFILLS ENGLISH CREDIT REQUIRED FOR GRADUATION. Reading literature, reading informational text, writing, speaking and listening, and language. This course is also available as a Credit Recovery and Credit Advancement Course. Please read the statement regarding Credit Recovery and Credit Advancement.	

English 11 (State Course #200013)	
Audience	11
Credits	Credit Available Full (1)
Prerequisites	Successful Completion of English 9 and 10
Testing Requirements	Term Exams
Materials	No textbook is required, but schools must provide a copy of <i>The Great Gatsby</i> and <i>A Raisin in the Sun</i> . Library copies are acceptable. Additional readings are provided online. Readings may include those on the English 11 Reading List at: http://accesscms.asc.edu/AventaCourses/access_courses/english11_ua_v17/01_unit/01-00/reading_list.xlsx
Description: NOTE: FULFILLS ENGLISH CREDIT REQUIRED FOR GRADUATION. Reading literature, reading informational text, writing, speaking and listening, and language. This course is also available as a Credit Recovery and Credit Advancement Course. Please read the statement regarding Credit Recovery and Credit Advancement.	

English 12 (State Course #200017)	
Audience	12
Credits	Credit Available Full (1)
Prerequisites	Successful Completion of English 9, 10, and 11
Testing Requirements	Term Exams
Materials	No textbook is required. All readings are provided online. Readings may include those on the English 12 Reading List at http://accesscd.ua.edu/english/reading-list-for-english-12
Description: NOTE: FULFILLS ENGLISH CREDIT REQUIRED FOR GRADUATION. Reading literature, reading informational text, writing, speaking and listening, and language. This course is also available as a Credit Recovery and Credit Advancement Course. Please read the statement regarding Credit Recovery and Credit Advancement.	

AP English Language and Composition (State Course #200016)	
Audience	11-12
Credits	Credit Available Full (1)
Prerequisites	English 9, 10, and 11, Preferably Honors Level, with a Minimum of a B Average
Testing Requirements	Term Exams; Optional AP Exam
Materials	Go to: http://accessdl.state.al.us/content/Web_Based_Courses_Resource_List Optional Resources: <i>Cliff's Notes AP English Language and Composition Preparation Guide</i> recommended
Description: NOTE: FULFILLS ENGLISH CREDIT REQUIRED FOR GRADUATION. College-level advanced course following the curriculum established by the College Board Advanced Placement (AP) Program for English; engages students in becoming skilled writers who compose for a variety of purposes; guides students in becoming skilled readers of prose written in a variety of rhetorical contexts; extensive writing of compositions	

AP English Literature and Composition (State Course #200020)	
Audience	11-12
Credits	Credit Available Full (1)
Prerequisites	English 9, 10 and 11, Preferably Honors Level, with a Minimum of a B Average <i>The Great Gatsby</i> is a required pre-course reading.
Testing Requirements	Term Exams; Optional AP Exam
Materials	Go to: http://accessdl.state.al.us/content/Web_Based_Courses_Resource_List
Description: NOTE: FULFILLS ENGLISH CREDIT REQUIRED FOR GRADUATION. College-level advanced course following the curriculum established by the College Board Advanced Placement (AP) Program for English; engages students in the careful reading and critical analysis of imaginative literature from several genres and periods from the sixteenth to the twenty-first century; extensive writing of compositions.	

SOCIAL STUDIES

World History: 1500 to Present – Grade 9 Course (State Course #230013)	
Audience	09-12
Credits	Credit Available Full (1)
Prerequisites	None
Testing Requirements	Term Exams
Materials	SAS® Curriculum Pathways® (Provided by SDE) Discovery Education Streaming (Provided by SDE) A media player Course does not require textbook
<p>Description: Chronological history of the world: the emergence of a global age; the Age of Revolutions; the Age of Isms; era of global war; the world from 1500 to present.</p> <p>This course is also available as a Credit Recovery and Credit Advancement Course. Please read the statement regarding Credit Recovery and Credit Advancement.</p>	

United States History I: Beginnings to the Industrial Revolution – Grade 10 Course (State Course #230016)	
Audience	09-12
Credits	Credit Available Full (1)
Prerequisites	None
Testing Requirements	Term Exams
Materials	SAS® Curriculum Pathways® (Provided by SDE) Discovery Education Streaming (Provided by SDE) A media player Course does not require textbook
<p>Description: Chronological survey of major events and issues: colonization; American Revolution; development of political system and distinct culture; slavery; reform movements; sectionalism; Civil War; Reconstruction; Alabama's history and geographic changes that have influenced aspects of life during and after events.</p> <p>This course is also available as a Credit Recovery and Credit Advancement Course. Please read the statement regarding Credit Recovery and Credit Advancement.</p>	

United States History II: The Industrial Revolution to the Present – Grade 11 Course (State Course #230019)	
Audience	09-12
Credits	Credit Available Full (1)
Prerequisites	None
Testing Requirements	Term Exams
Materials	Discovery Education Streaming (Provided by SDE) A media player Course does not require textbook
<p>Description:</p> <p>Chronological survey of major events and issues: industrialization; Progressivism; foreign policy; World War I; the Great Depression; World War II; post-war United States; contemporary United States; Alabama's history and geographic changes that have influenced aspects of life during and after events</p> <p>This course is also available as a Credit Recovery and Credit Advancement Course. Please read the statement regarding Credit Recovery and Credit Advancement.</p>	

Economics (State Course #230051)	
Audience	09-12
Credits	Credit Available Half (0.5)
Prerequisites	None
Testing Requirements	Term Exam
Materials	Discovery Education Streaming (Provided by SDE) A media player Course does not require textbook
<p>Description: Basic elements of economics; comparative economic systems and economic theories; role of the consumer; business and labor issues; functions of government; structure of U. S. banking system; role of Federal Reserve Bank.</p> <p>This course is also available as a Credit Recovery and Credit Advancement Course. Please read the statement regarding Credit Recovery and Credit Advancement.</p>	

United States Government (State Course #230041)	
Audience	09-12
Credits	Credit Available Half (0.5)
Prerequisites	None
Testing Requirements	Term Exam
Materials	Discovery Education Streaming (Provided by SDE) A media player Course does not require textbook
<p>Description: Origins, functions, and branches of U. S. government; representative democracy; federalism; political/civic life; analysis of Constitution, Bill of Rights, and other relevant documents; foreign policy.</p> <p>This course is also available as a Credit Recovery and Credit Advancement Course. Please read the statement regarding Credit Recovery and Credit Advancement.</p>	

AP United States History (State Course #230022)	
Audience	11-12
Credits	Credit Available Full (1)
Prerequisites	Successful Completion of Rigorous High School Academic Course Work
Testing Requirements	Final Exam; Optional AP US History Exam
Materials	<p>For resources including textbooks go to: http://accessdl.state.al.us/content/Web Based Courses Resource List SAS is a free online subscription. You will need to register online by visiting www.sascurriculumpathways.com. Under the Subscription tab, click "Get a Subscription." Upon submitting a completed registration, an account will be created, user names and passwords generated and sent to the local school contacts identified on the form. For more information or help, contact SAS® Curriculum Pathways® 888-760-2515.</p>
<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 (State Course #230047)	
Audience	11-12
Credits	Credit Available Half (0.5)
Prerequisites	Successful Completion of Rigorous High School Academic Course Work and Successful Completion of U.S. History
Testing Requirements	Term Exam; Optional AP Exam
Materials	For resources including textbooks go to: http://accessdl.state.al.us/content/Web_Based_Courses_Resource_List Discovery Education Streaming (Provided by SDE) A media player
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.	

AP Macroeconomics (State Course #230054)	
Audience	11-12
Credits	Credit Available Half (0.5)
Prerequisites	Successful Completion of Rigorous High School Academic Course Work
Testing Requirements	Term Exam; Optional AP Exam
Materials	For resources including textbooks go to: http://accessdl.state.al.us/content/Web_Based_Courses_Resource_List
Description: College-level advanced course following the curriculum established by the College Board Advanced Placement (AP) Program for macroeconomics; basic economic concepts; measurement of economic performance; national income and price determination; financial sector; inflation, unemployment, and stabilization policies; economic growth and productivity; open economy; international trade and finance. Students are encouraged to take the AP Macroeconomics Exam in order to earn college credit.	

FOREIGN LANGUAGES

Spanish I (State Course #270153)	
Audience	09-12
Credits	Credit Available Full (1)
Prerequisites	None
Testing Requirements	Term Exams
Materials	A media player Audio recording equipment (e.g. stand-alone microphone, headset with microphone, or a device with audio capabilities, such as an iPhone, iPad, laptop computer, etc.) Course does not require textbook
Description: Listening and speaking skills including understanding and responding to simple directions, expressions of courtesy, and questions related to daily routines; reading and writing skills including words and phrases used in basic situational contexts; beginning understanding of Spanish-speaking culture.	

Spanish II (State Course #270154)	
Audience	09-12
Credits	Credit Available Full (1)
Prerequisites	Successful Completion of Spanish I
Testing Requirements	Term Exams
Materials	Discovery Education Streaming (Provided by SDE) A media player Audio recording equipment (e.g. stand-alone microphone, headset with microphone, or a device with audio capabilities, such as an iPhone, iPad, laptop computer, etc.) Course does not require textbook
Description: Listening and speaking skills including understanding and responding to directions, commands, and questions; reading with comprehension main ideas from simple texts; writing with comprehension short presentations; further understanding of Spanish-speaking cultures	

Spanish III (State Course #270155)	
Audience	09-12
Credits	Credit Available Full (1)
Prerequisites	Successful Completion of Spanish II
Testing Requirements	Term Exams
Materials	A media player Audio recording equipment (e.g. stand-alone microphone, headset with microphone, or a device with audio capabilities, such as an iPhone, iPad, laptop computer, etc.) Course does not require textbook
Description: Listening and speaking skills including understanding and responding to factual and interpretive questions; paraphrasing, explaining, and giving cause; interpreting main ideas and supporting details from authentic texts; creating presentations; increased understanding of Spanish-speaking cultures.	

Spanish IV (State Course #270156)	
Audience	09-12
Credits	Credit Available Full (1)
Prerequisites	Successful Completion of Spanish III
Testing Requirements	Term Exams
Materials	A media player Audio recording equipment (e.g. stand-alone microphone, headset with microphone, or a device with audio capabilities, such as an iPhone, iPad, laptop computer, etc.) Course does not require textbook
Description: Listening and speaking skills including understanding and responding to factual and interpretive questions; proposing and supporting solutions to issues and problems; interpreting authentic prose and poetry selections; creating compositions; extensive understanding of Spanish-speaking cultures	

Latin I (State Course #270111)	
Audience	09-12
Credits	Credit Available Full (1)
Prerequisites	None
Testing Requirements	Term Exams
Materials	A media player Audio recording equipment (e.g. stand-alone microphone, headset with microphone, or a device with audio capabilities, such as an iPhone, iPad, laptop computer, etc.) Course does not require textbook
Description: Introduction to the Latin language and Roman world including influence on cultures of the Western world; basic vocabulary including pronunciation and spelling; translation with emphasis on reading, grammar, and the Roman culture	

Latin II (State Course #270112)	
Audience	09-12
Credits	Credit Available Full (1)
Prerequisites	Successful completion of Latin I
Testing Requirements	Term Exams
Materials	A media player Audio recording equipment (e.g. stand-alone microphone, headset with microphone, or a device with audio capabilities, such as an iPhone, iPad, laptop computer, etc.) Course does not require textbook
Description: Intermediate grammar and vocabulary study; translation of works of authentic Roman authors; study of Roman culture including important persons, places, and events	

Latin III (State Course #270113)	
Audience	09-12
Credits	Credit Available Full (1)
Prerequisites	Successful completion of Latin II
Testing Requirements	Term Exams
Materials	A media player Audio recording equipment (e.g. stand-alone microphone, headset with microphone, or a device with audio capabilities, such as an iPhone, iPad, laptop computer, etc.) Course does not require textbook
Description: Advanced grammar and vocabulary study; reading and analyzing primary prose sources including the history and culture of Rome during the Golden Age of Latin literature, the death of the Republic, and the formation of the Roman Empire; writing original Latin prose	

French I (State Course #270023)	
Audience	09-12
Credits	Credit Available Full (1)
Prerequisites	None
Testing Requirements	Term Exams
Materials	Discovery Education Streaming (Provided by SDE) A media player Audio recording equipment (e.g. stand-alone microphone, headset with microphone, or a device with audio capabilities, such as an iPhone, iPad, laptop computer, etc.) Course does not require textbook
Description: Listening and speaking skills including understanding and responding to simple directions, expressions of courtesy, and questions related to daily routines; reading and writing skills including words and phrases used in basic situational contexts; beginning understanding of French-speaking cultures	

French II (State Course #270024)	
Audience	09-12
Credits	Credit Available Full (1)
Prerequisites	French I
Testing Requirements	Term Exams
Materials	Discovery Education Streaming (Provided by SDE) A media player Audio recording equipment (e.g. stand-alone microphone, headset with microphone, or a device with audio capabilities, such as an iPhone, iPad, laptop computer, etc.) Course does not require textbook
Description: Listening and speaking skills including understanding and responding to a variety of directions, commands, and questions related to personal preferences; reading with comprehension main ideas from simple texts; writing with comprehension short presentations; further understanding of French-speaking cultures	

French III (State Course #270025)	
Audience	09-12
Credits	Credit Available Full (1)
Prerequisites	French II
Testing Requirements	Term Exams
Materials	A media player Audio recording equipment (e.g. stand-alone microphone, headset with microphone, or a device with audio capabilities, such as an iPhone, iPad, laptop computer, etc.) Course does not require textbook
Description: Listening and speaking skills including understanding and responding to factual and interpretive questions; paraphrasing, explaining, and giving cause; interpreting main ideas and supporting details from authentic texts; creating presentations; increased understanding of French-speaking cultures	

German I (State Course #270043)	
Audience	09-12
Credits	Credit Available Full (1)
Prerequisites	None
Testing Requirements	Term Exams
Materials	A media player Audio recording equipment (e.g. stand-alone microphone, headset with microphone, or a device with audio capabilities, such as an iPhone, iPad, laptop computer, etc.) Course does not require textbook
Description: Listening and speaking skills including understanding and responding to simple directions, expressions of courtesy, and questions related to daily routines; reading and writing skills including words and phrases used in basic situational contexts; beginning understanding of German-speaking cultures	

German II (State Course #270044)	
Audience	09-12
Credits	Credit Available Full (1)
Prerequisites	German I
Testing Requirements	Term Exams
Materials	A media player Audio recording equipment (e.g. stand-alone microphone, headset with microphone, or a device with audio capabilities, such as an iPhone, iPad, laptop computer, etc.) Course does not require textbook
Description: Listening and speaking skills including understanding and responding to a variety of directions, commands, and questions related to personal preferences; reading with comprehension main ideas from simple texts; writing with comprehension short presentations; further understanding of German-speaking cultures	

German III (State Course #270045)	
Audience	09-12
Credits	Credit Available Full (1)
Prerequisites	German II
Testing Requirements	Term Exams
Materials	A media player Audio recording equipment (e.g. stand-alone microphone, headset with microphone, or a device with audio capabilities, such as an iPhone, iPad, laptop computer, etc.) Course does not require textbook
Description: Listening and speaking skills including understanding and responding to a variety of directions, commands, and questions related to personal preferences; reading with comprehension main ideas from simple texts; writing with comprehension short presentations; further understanding of German-speaking cultures	

Mandarin Chinese I (State Course #270003)	
Audience	09-12
Credits	Credit Available Full (1)
Prerequisites	None
Testing Requirements	Term Exams
Materials	Discovery Education Streaming (Provided by SDE) A media player Audio recording equipment (e.g. stand-alone microphone, headset with microphone, or a device with audio capabilities, such as an iPhone, iPad, laptop computer, etc.) Course does not require textbook
Description: Listening and speaking skills including understanding and responding to simple directions, expressions of courtesy, and questions related to daily routines; reading and writing skills including words and phrases used in basic situational contexts; beginning understanding of Chinese-speaking cultures	

Mandarin Chinese II (State Course #270004)	
Audience	09-12
Credits	Credit Available Full (1)
Prerequisites	Mandarin Chinese I
Testing Requirements	Term Exams
Materials	Discovery Education Streaming (Provided by SDE) A media player Audio recording equipment (e.g. stand-alone microphone, headset with microphone, or a device with audio capabilities, such as an iPhone, iPad, laptop computer, etc.) Course does not require textbook
Description: Listening and speaking skills including understanding and responding to a variety of directions, commands, and questions related to personal preferences; reading with comprehension main ideas from simple texts; writing with comprehension short presentations; further understanding of Chinese-speaking cultures	

ELECTIVES

Creative Writing Elective 1.0 Credit (State Course #200033)	
Audience	09-12
Credits	Credit Available Full (1)
Prerequisites	None
Testing Requirements	
Materials	Discovery Education Streaming (Provided by SDE) Course does not require textbook SAS Curriculum Pathways
Description: NOTE: DOES NOT FULFILL ANY OF THE FOUR ENGLISH CREDITS REQUIRED FOR GRADUATION. Composing poetry, short stories, and critical responses	

Creative Writing Elective 0.5 Credit (State Course #200039)	
Audience	09-12
Credits	Credit Available Half (0.5)
Prerequisites	None
Testing Requirements	
Materials	Discovery Education Streaming (Provided by SDE) Course does not require textbook SAS Curriculum Pathways
Description: NOTE: DOES NOT FULFILL ANY OF THE FOUR ENGLISH CREDITS REQUIRED FOR GRADUATION. Composing poetry, short stories, and critical responses	

Business Technology Applications (State Course #450006)	
Audience	08-12
Credits	Credit Available Full (1)
Prerequisites	None
Testing Requirements	Term Exams
Materials	Course does not require textbook
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 World Issues...) (State Course #230201)	
Audience	09-12
Credits	Credit Available Full (1)
Prerequisites	None
Testing Requirements	Term Exams
Materials	SAS® Curriculum Pathways® (Provided by SDE) Course does not require textbook
Description: NOTE: DOES NOT FULFILL ANY OF THE FOUR SOCIAL STUDIES CREDITS REQUIRED FOR GRADUATION. Current issues from historical and geographical perspectives; knowledge of key contemporary personalities and events that impact lives	

Personal Finance (State Course #400022)	
Audience	09-12
Credits	Credit Available Half (0.5)
Prerequisites	None
Testing Requirements	Term Exam
Materials	Course does not require textbook
Description: A one-half credit course designed to introduce students to the management of personal and family resources to achieve personal goals and financial literacy.	

Accounting (State Course #470012)	
Audience	09-12
Credits	Credit Available Full (1)
Prerequisites	None
Testing Requirements	Term Exams
Materials	Course does not require textbook
Description: A one-credit course designed to help students understand the basic principles of the accounting cycle. Emphasis is placed on basic accounting, analyzing and recording business transactions, preparing and interpreting financial statements, and performing banking and payroll activities.	

Nutrition and Wellness (Dietetics) (State Course #510018)	
Audience	09-12
Credits	Credit Available Half (0.5)
Prerequisites	None
Testing Requirements	Term Exam
Materials	Course does not require textbook
<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>	

Content Textual Reading (State Course #802204)	
Audience	09-12
Credits	Credit Available Half (0.5)
Prerequisites	None
Testing Requirements	Quizzes, Collaborative project
Materials	Course does not require textbook
<p>Description: This course offers students the opportunity to acquire skills and strategies to help them become better readers. It is designed to improve comprehension and vocabulary skills as well as assist students in understanding and remembering what they have read. Students will develop and apply a variety of specific reading strategies they can employ when reading fiction and nonfiction texts.</p> <p>NOTE: DOES NOT FULFILL ANY OF THE FOUR ENGLISH CREDITS REQUIRED FOR GRADUATION.</p>	

Sociology (State Course #230081)	
Audience	09-12
Credits	Credit Available Half (0.5)
Prerequisites	The Web-based course does not require a textbook but does require many online readings. Eleven and twelfth-graders should be reading on grade level for this course.
Testing Requirements	Term Exam
Materials	Course does not require textbook
Description: This course addresses culture and society; social inequalities; social institutions; and social change. NOTE: DOES NOT FULFILL ANY OF THE FOUR SOCIAL STUDIES CREDITS REQUIRED FOR GRADUATION.	

Workforce Essentials (State Course #400016)	
Audience	09-12
Credits	Credit Available Full (1)
Prerequisites	None
Testing Requirements	Term Exams
Materials	Course does not require textbook
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.	

Web Design I (State Course #260005)	
Audience	10-12
Credits	Credit Available Full (1)
Prerequisites	Computer Applications and/or Keyboarding
Testing Requirements	Term Exams
Materials	1 (2 ½ or 3 inch) 3-Ring Notebook Paper for Printing 1 (3-Hole) Punch Storage Media Download KompoZer at https://sourceforge.net/projects/kompozer/files/current/0.8b3/windows/zip/kompozer-0.8b3.en-US.win32.zip/download Download the Mac KompoZer at https://sourceforge.net/projects/kompozer/files/current/0.8b3/macosx/kompozer-0.8b3.en-US.mac-universal.dmg/download Download GIMP (Free) at http://www.gimp.org/downloads/ Course does not require textbook
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.	

Web Design II (State Course #260006)	
Audience	11-12
Credits	Credit Available Full (1)
Prerequisites	Computer Applications and/or Keyboarding AND Web Design I
Testing Requirements	Term Exams
Materials	1 (2 ½ or 3 Inch) 3-Ring Notebook Paper for Printing 1 (3-Hole) Punch Storage Media Download KompoZer at https://sourceforge.net/projects/kompozer/files/current/0.8b3/windows/zip/kompozer-0.8b3.en-US.win32.zip/download Download the Mac KompoZer at https://sourceforge.net/projects/kompozer/files/current/0.8b3/macosx/kompozer-0.8b3.en-US.mac-universal.dmg/download Download GIMP (Free) at http://www.gimp.org/downloads/ Download FileZilla at https://filezilla-project.org/download.php Course does not require textbook
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.	

Computer Programming I (Computer Science Elective) (State Course #260003)	
Audience	09-12
Credits	Credit Available Full (1)
Prerequisites	Algebra I; Advanced computer skills; Geometry is strongly recommended
Testing Requirements	Term Exams
Materials	<p>This course does not require textbook. Students will need the following items to complete this course:</p> <ul style="list-style-type: none"> • Disk space on a computer as well as an external device to back up files (flash drive, external hard drive, CD–Rom, etc.) • Printer <p>Free Downloads:</p> <ul style="list-style-type: none"> • Current minimum Flash Player required by local school
<p>Description: This course introduces fundamental concepts, including an algorithmic approach to problem solving via the design and implementation of programs in selected languages. Structured programming techniques involving input/output, conditional statement, loops, files, arrays and structures and simple data structures are introduced. Students are expected to write programs as part of this course. Computer Programming I will teach students the fundamentals of programming using the computer language Python. The course provides students with the concepts, techniques, and processes associated with computer programming and software development. Students will also explore the many programming career opportunities available in this high-demand field. While the full course will prepare students well for the AP Computer Science course, students who may not be able to take the 1.0 credit option can get a good introduction to Python by completing the first 0.5 credit of the course.</p>	

AP Computer Science A (State Course #520007)	
Audience	11-12
Credits	Credit Available Full (1)
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	Term Exams; Optional AP Exam
Materials	<p>For resources including textbooks go to: http://accessdl.state.al.us/content/Web_Based_Courses_Resource_List</p> <p>Students will download an HTML editor, Image Editor, and a zipping program. These programs are free. Download the programs using the appropriate software as instructed in the lessons. Other free software includes Java programming language and a program editor for writing code. Other suggested student supplies include a 2 ½- or 3-inch 3-ring notebook, paper, and storage media for keeping back-up copies of the student's work. The material used in AP Computer Science is the eIMACS resource. A unique feature of this curriculum is an embedded Java compiler that allows students to understand material presented in each unit by experimenting before writing their own programs. Teachers will provide students a username/key for the eIMACS resource after the student is enrolled in the course.</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 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.</p>	

Psychology (State Course #230071)	
Audience	09-12
Credits	Credit Available Half (0.5)
Prerequisites	None
Testing Requirements	Term Exam
Materials	Course does not require textbook
Description: NOTE: DOES NOT FULFILL ANY OF THE FOUR SOCIAL STUDIES CREDITS REQUIRED FOR GRADUATION. History of psychological inquiry; methods of scientific research; human development; sensation and perception; motivation and emotion; states of consciousness; social psychology, cognition; intelligence and assessment; personality theories; stress; mental disorders and treatments	

AP Psychology (State Course #230072)	
Audience	11-12
Credits	Credit Available Full (1)
Prerequisites	Students should exhibit a willingness to meet rigorous academic challenges, a strong ability to think critically, and excellent reading proficiency.
Testing Requirements	Term Exams; Optional AP Exam
Materials	For resources including textbooks go to: http://accessdl.state.al.us/content/Web_Based_Courses_Resource_List
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. NOTE: DOES NOT FULFILL ANY OF THE FOUR SOCIAL STUDIES CREDITS REQUIRED FOR GRADUATION.	

AP Art History (State Course #280101)	
Audience	11-12
Credits	Credit Available Full (1)
Prerequisites	Successful Study in Other Humanities, such as History, Literature, or in any of the Studio Arts
Testing Requirements	Term Exams Optional AP Exam
Materials	For resources including textbooks go to: http://accessdl.state.al.us/content/Web_Based_Courses_Resource_List Discovery Education Streaming (Provided by SDE)
<p>Description: NOTE: ARTS COURSES MUST CONTAIN THE THREE STRANDS-- PRODUCE, RESPOND, AND UNDERSTAND AS FOUND IN THE ALABAMA COURSE OF STUDY: ARTS EDUCATION. THESE COURSES MAY SERVE TO FULFILL THE CTE AND/OR FOREIGN LANGUAGE AND/OR ARTS EDUCATION AREA OF STUDY. ARTS COURSES LACKING THESE THREE STRANDS MAY SERVE ONLY AS ELECTIVE CREDIT. College-level advanced course approved by the College Board Advanced Placement (AP) Program for art; art history; western and non-western art; cultural influences in art; prehistoric through contemporary art; discovery and preservation of art; aesthetics; criticism; analysis and interpretation</p>	

Journalism (State Course #200051)	
Audience	09-12
Credits	Credit Available Half (0.5)
Prerequisites	
Testing Requirements	Term Exam
Materials	Discovery Education Streaming SAS® Curriculum Pathways® (Provided by SDE) Course does not require textbook
<p>Description: Journalism is a one-half credit elective course designed for ninth-graders that includes newspaper study; newspaper production; news information gathering; proofreading; and journalistic writing.</p> <p>NOTE: DOES NOT FULFILL ANY OF THE FOUR ENGLISH CREDITS REQUIRED FOR GRADUATION.</p>	

Forestry (State Course #420020)	
Audience	09-12
Credits	Credit Available Full (1)
Prerequisites	None
Testing Requirements	Term Exams
Materials	Discovery Education Streaming Course does not require textbook
Description: Forestry is a one-credit course designed to enable students to become knowledgeable of forestry and wood technology. Emphasis is placed on dendrology, tree measurement, mapping, silviculture, and forest products. Specific content standards to be included in each course are indicated in the Course of Study chart.	

Working in Multicultural Environments: Korean (State Course #541000)	
Audience	09-12
Credits	Credit Available Half (0.5)
Prerequisites	None
Testing Requirements	
Materials	Course does not require textbook
Description: This course will encourage appreciation of the similarities and differences between South Korea, Alabama, and the United States through an exploration of their geography, demography, culture, history, language, and workplace expectations. Students will identify the benefits and potential difficulties of working in diverse multicultural environments, develop interpersonal skills for multilingual Korean workplaces, and apply inferred knowledge to workplace scenarios.	

Career Preparedness (State Course #400025)	
Audience	09-12
Credits	Credit Available Full (1)
Prerequisites	None
Testing Requirements	Term Exams
Materials	
<p>Description: A one-credit course that is taught in Grades 9-12. The course prepares students with content knowledge and skills in the areas of career development and academic planning, computer skill application, and financial literacy. Also, this course is designed to meet the required 20-hour online experience.</p> <p>NOTE: Students must have an ACPS/Kuder account for this course.</p>	

Career Preparedness-A (State Course #400026)	
Audience	08-12
Credits	Credit Available Half (0.5)
Prerequisites	None
Testing Requirements	Term Exam
Materials	
<p>Description: A one-half credit course that is taught in Grades 8-12. The course prepares students with knowledge and skills in the areas of career development and academic planning and computer skill application. This course is a prerequisite to Career Preparedness-B. The required 20-hour online experience can be met by successfully completing both Career Preparedness A and Career Preparedness B.</p> <p>NOTE: Students must have an ACPS/Kuder account for this course.</p>	

Career Preparedness-B (State Course #400027)	
Audience	09-12
Credits	Credit Available Half (0.5)
Prerequisites	Career Preparedness A
Testing Requirements	Term Exam
Materials	
<p>Description: A one-half credit course that is taught in Grades 9-12. The course prepares students with knowledge and skills in the areas of career development and academic planning and financial literacy. The prerequisite for this course is Career Preparedness-A. The required 20-hour online experience can be met by successful completion of both Career Preparedness A and Career Preparedness B.</p> <p>NOTE: Students must have an ACPS/Kuder account for this course.</p>	

Marine Science (State Course #220045)	
Audience	09-12
Credits	Credit Available Full (1)
Prerequisites	Successful Completion of Biology AND Physical Science; Chemistry Recommended
Testing Requirements	Term Exams
Materials	Course does not require textbook
Description: Life Science Elective. NOTE: DOES NOT FULFILL THE GRADUATION REQUIREMENT FOR BIOLOGY, "A PHYSICAL SCIENCE", OR THE TWO ADDITIONAL SCIENCE REQUIREMENTS. Specialized topics, processes, skills, applications, principles, and experimentation in life science.	

ARTS EDUCATION

Introduction to Theatre I (State Course #285100)	
Audience	09-12
Credits	Credit Available Full (1)
Prerequisites	None
Testing Requirements	Term Exams
Materials	Vimeo Discovery Education Streaming Course does not require textbook
<p>Description: This one credit course, proficient level, explores beginning theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how theatre communicates ideas and allows for self-expression. Students will study, write, and/or perform scenes and monologues. Students will also be introduced to basic history of theater and technical theatre.</p> <p>To meet certain performance-based course of study standards, student video submissions are required for this course. All video submissions occur through the LMS (a controlled, password-protected learning environment) with access limited to people enrolled only in that student's section of the course.</p> <p>Students enrolled in this class will need to have access to Vimeo. If you would like a list of specific URLs to whitelist, please contact Alex Goolsby (aegoolsby@cc.ua.edu).</p>	

Dance, Elements of Arts Literacy (State Course # 281009)	
Audience	09-12
Credits	Credit Available Half (0.5) ;
Prerequisites	None
Testing Requirements	
Materials	Course does not require textbook
<p>Description: Students explore the art of dance through improvisation and exposure to master works and diverse cultural dance forms. They will use critical analysis and appropriate dance terminology to identify the elements of dance and determine the impact these elements have on the communication of ideas, style and meaning. Students will develop an understanding of dance as a performing art by creating and performing dance, and by demonstrating proper audience and performance etiquette, while viewing professional dance and/or performances by peers. Students will also explore how production technologies may impact dance performance, both live and recorded.</p> <p>To meet certain performance-based course of study standards, student video submissions are required for this course. All video submissions occur through the LMS (a controlled, password-protected learning environment) with access limited to people enrolled only in that student's section of the course.</p> <p>Students enrolled in this class will need to have access to Vimeo. If you would like a list of specific URLs to whitelist, please contact Alex Goolsby (aegoolsby@cc.ua.edu).</p>	

Music, Elements of Arts Literacy (State Course # 283009)	
Audience	09-12
Credits	Credit Available Half (0.5) ;
Prerequisites	None
Testing Requirements	
Materials	Course does not require textbook
<p>Description: This half credit course will provide basic instruction in music. Students will explore how to create and produce music, responding and connecting them to historical, current and personal events. Students will have an introduction to history of music, and the ethical and appropriate use of the medium.</p> <p>To meet certain performance-based course of study standards, student video submissions are required for this course. All video submissions occur through the LMS (a controlled, password-protected learning environment) with access limited to people enrolled only in that student's section of the course.</p> <p>Students enrolled in this class will need to have access to Vimeo. If you would like a list of specific URLs to whitelist, please contact Alex Goolsby (aegoolsby@cc.ua.edu).</p>	

Theatre, Elements of Arts Literacy (State Course # 285009)	
Audience	09-12
Credits	Credit Available Half (0.5) ;
Prerequisites	None
Testing Requirements	
Materials	Course does not require textbook
<p>Description: This half credit course will explore arts literacy through theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, performing and assessment to understand how theatre communicates ideas and allows for self-expression. Students will explore how to create and perform informal and formal theatrical works, relating and connecting them to historical, current and personal events. Students will have an introduction to play structure and analysis. Students will be introduced to the technical elements of theatre production. Students will have an introduction to history of theatre, and appropriate etiquette for theatre.</p> <p>To meet certain performance-based course of study standards, student video submissions are required for this course. All video submissions occur through the LMS (a controlled, password-protected learning environment) with access limited to people enrolled only in that student's section of the course.</p> <p>Students enrolled in this class will need to have access to Vimeo. If you would like a list of specific URLs to whitelist, please contact Alex Goolsby (aegoolsby@cc.ua.edu).</p>	

Visual Arts, Elements of Arts Literacy (State Course # 286009)	
Audience	09-12
Credits	Credit Available Half (0.5) ;
Prerequisites	None
Testing Requirements	
Materials	Course does not require textbook
<p>Description: This half credit course will provide instruction on the basic elements of art and principles of design of visual arts. Students will explore how to create and produce visual arts products, relating and connecting them to historical, current and personal events. Students will have an introduction to history of visual arts, and appropriate use of the visual arts medium.</p> <p>To meet certain performance-based course of study standards, student video submissions are required for this course. All video submissions occur through the LMS (a controlled, password-protected learning environment) with access limited to people enrolled only in that student's section of the course.</p> <p>Students enrolled in this class will need to have access to Vimeo. If you would like a list of specific URLs to whitelist, please contact Alex Goolsby (aegoolsby@cc.ua.edu).</p>	

HEALTH

Health Education (State Course #250002)	
Audience	09-12
Credits	Credit Available Half (0.5)
Prerequisites	None
Testing Requirements	Term Exam
Materials	Discovery Education Streaming (Provided by SDE) A media player Course does not require textbook
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. Health Education students are required to receive instruction in CPR from instructors following the American Heart Association or the American Red Cross methods.	

PHYSICAL EDUCATION

LIFE Lifelong Individualized Fitness Education – 36-weeks (State Course #240002)	
Audience	09-12
Credits	Credit Available Full (1)
Prerequisites	None
Testing Requirements	Alabama Physical Fitness Assessment administered one time during the course
Materials	Students will regularly need access to: a safe space to run a minimum suggested distance of 200 meters daily; a jump rope and an area for jumping rope; dumbbells, barbells and plates, free weights, or exercise bands; facilities to change into appropriate exercise apparel daily; audio equipment for testing in the Alabama Physical Fitness Assessment; stop watch or other timing equipment
<p>Description: NOTE: THIS IS THE ONLY COURSE THAT FULFILLS THE GRADUATION REQUIREMENT FOR PHYSICAL EDUCATION. Individualized fitness plan for lifetime fitness.</p> <p>For registration, please note there are 2 separate LIFE courses:</p> <ol style="list-style-type: none"> 1) If schools follow a traditional 36-week schedule (traditional all year, modified block, etc.), then register for LIFE PE 9-12 (36-weeks), OR 2) If the school follows an 18-week schedule (block, trimester, etc.), register for LIFE PE 9-12 (18-weeks). <p>This course consists of a cognitive component and a physical activity component. The cognitive component will require access to a computer for one to two hours per week. The physical activity component of this class requires students to exercise for a minimum of 30 minutes five times per week regardless of whether students are on a block or traditional schedule. See Appendix B in the Physical Education course of study. Schools requesting LIFE for their students should be aware of this requirement. The exercises that the students will perform to satisfy the physical activity requirements for the class cannot be completed in a typical computer lab or classroom space. In addition, students enrolled in this course will complete the Alabama Physical Fitness Assessment. It is the school's responsibility to provide appropriate personnel to administer the test. The ACCESS LIFE course will provide instruction in the proper form and technique for the exercises in the course. In addition, the activities planned for this course should be considered safe for most students if directions are followed. However, the student's school of record is ultimately responsible for ensuring safety during the exercises including providing appropriate facilities, equipment, and oversight for the physical activity portion of this course.</p>	

LIFE Lifelong Individualized Fitness Education – 18-weeks (State Course #240002)	
Audience	09-12
Credits	Credit Available Full (1)
Prerequisites	None
Testing Requirements	Alabama Physical Fitness Assessment administered one time during the course
Materials	Students will regularly need access to: a safe space to run a minimum suggested distance of 200 meters daily; a jump rope and an area for jumping rope; dumbbells, barbells and plates, free weights, or exercise bands; facilities to change into appropriate exercise apparel daily; audio equipment for testing in the Alabama Physical Fitness Assessment; stop watch or other timing equipment
<p>Description: NOTE: THIS IS THE ONLY COURSE THAT FULFILLS THE GRADUATION REQUIREMENT FOR PHYSICAL EDUCATION. Individualized fitness plan for lifetime fitness.</p> <p>For registration, please note there are 2 separate LIFE courses:</p> <ol style="list-style-type: none"> 1) If schools follow a traditional 36-week schedule (traditional all year, modified block, etc.), then register for LIFE PE 9-12 (36-weeks), OR 2) If the school follows an 18-week schedule (block, trimester, etc.), register for LIFE PE 9-12 (18-weeks). <p>This course consists of a cognitive component and a physical activity component. The cognitive component will require access to a computer for one to two hours per week. The physical activity component of this class requires students to exercise for a minimum of 30 minutes five times per week regardless of whether students are on a block or traditional schedule. See Appendix B in the Physical Education course of study. Schools requesting LIFE for their students should be aware of this requirement. The exercises that the students will perform to satisfy the physical activity requirements for the class cannot be completed in a typical computer lab or classroom space. In addition, students enrolled in this course will complete the Alabama Physical Fitness Assessment. It is the school's responsibility to provide appropriate personnel to administer the test. The ACCESS LIFE course will provide instruction in the proper form and technique for the exercises in the course. In addition, the activities planned for this course should be considered safe for most students if directions are followed. However, the student's school of record is ultimately responsible for ensuring safety during the exercises including providing appropriate facilities, equipment, and oversight for the physical activity portion of this course.</p>	

8th GRADE COURSE OFFERINGS

Courses marked with an asterisk (*) are intended for advanced/accelerated eighth-grade students upon counselor recommendations and parent/guardian approvals. The awarding of high school credit will be a decision of the LEA, and high school credit must be awarded for students to meet the online experience requirement for graduation. Students in upper grades will have priority if space becomes limited due to budget constraints.

Algebra I*

Spanish I*

French I*

German I*

Latin I*

Mandarin Chinese I*

Business Technology Applications*

Science 8

Creative Writing Elective (Grade 8, Full-Year Course)

Creative Writing Elective (Grade 8, Half-Year Course)

Mathematics 8

Journalism 8

Physical Science, Grade 8, Full-Year Course (State Course #220003)	
Audience	08
Prerequisites	None
Testing Requirements	
Materials	Discovery Education Streaming SAS® Curriculum Pathways® (Provided by SDE) Course does not require textbook
<p>Description:</p> <p>Physical Science concentration on the composition and properties of matter; examining forces and predicting and developing explanations for changes in motion; the conservation of energy, energy transformations, and applications of energy to everyday life; and types and properties of waves and the use of waves in communication devices with integration of science and engineering practices.</p> <p>This course does not count for high school credit nor does it count towards the online experience.</p>	

World History to 1500, Grade 8, Full-Year Course (State Course # 230011)	
Audience	08
Credits	None
Prerequisites	None
Testing Requirements	
Materials	Course does not require textbook
Description: Chronological history of the world: survey of early and classical civilizations; world expansion of agrarian and commercial civilizations from beginnings to 1500. This course does not count for high school credit nor does it count towards the online experience.	

English Language Arts, Grade 8, Full-Year Course (State Course # 200003)	
Audience	08
Credits	None
Prerequisites	None
Testing Requirements	
Materials	Course does not require textbook
Description: Reading literature, reading informational text, writing, speaking and listening, and language This course does not count for high school credit nor does it count towards the online experience.	

Mathematics, Grade 8, Full-Year Course (State Course #210003)	
Audience	08
Prerequisites	None
Testing Requirements	
Materials	Discovery Education Streaming SAS® Curriculum Pathways® (Provided by SDE) Course does not require textbook
<p>Description: Students will know that there are numbers that are not rational, and approximate them by rational numbers; work with radicals and integer exponents; understand the connections among proportional relationships, lines, and linear equations; analyze and solve linear equations and pairs of simultaneous linear equations; define, evaluate, and compare functions; use functions to model relationships between quantities; understand congruence and similarity using physical models, transparencies, or geometry software; understand and apply the Pythagorean Theorem; solve real-world and mathematical problems involving volume of cylinders, cones, and spheres; and investigate patterns of association in bivariate data.</p> <p>This course does not count for high school credit nor does it count towards the online experience.</p>	

Creative Writing Elective, Grade 8, Full-Year Course (State Course #200047)	
Audience	08
Prerequisites	None
Testing Requirements	
Materials	Discovery Education Streaming SAS® Curriculum Pathways® (Provided by SDE) Course does not require textbook
<p>Description: THIS COURSE DOES NOT REPLACE ENGLISH 8.</p> <p>Creative Writing Elective Grade 8 is a full-year elective course which offers the emerging writer a framework through which he/she can develop his/her literary talents. The course will guide the student through an exploration of different literary genres and offer a plethora of activities that will result in the practice of the craft of writing through the creation of both fiction and non-fiction writing samples. Writing assignments are age appropriate for middle school students.</p> <p>This course does not count for high school credit nor does it count towards the online experience.</p>	

Creative Writing Elective, Grade 8, Half-Year Course (State Course #200040)	
Audience	08
Prerequisites	None
Testing Requirements	
Materials	Discovery Education Streaming SAS® Curriculum Pathways® (Provided by SDE) Course does not require textbook
<p>Description: THIS COURSE DOES NOT REPLACE ENGLISH 8.</p> <p>Creative Writing Elective Grade 8 is a half-year elective course which explores children's short stories, poetry, and other works of fiction and non-fiction. Through the study of literary works, the student will have multiple opportunities to practice the process of writing. Writing assignments are age appropriate for middle school students. This course does not count for high school credit nor does it count towards the online experience.</p>	

Journalism Elective, Grade 8, Half-Year Course (State Course #200051)	
Audience	08
Prerequisites	None
Testing Requirements	
Materials	Discovery Education Streaming SAS® Curriculum Pathways® (Provided by SDE) Course does not require textbook
<p>Description: Journalism is an 8th grade half-year elective course that includes newspaper study, newspaper production, news information gathering, proofreading, and journalistic writing.</p> <p>This course does not count for high school credit nor does it count towards the online experience.</p>	

7th GRADE COURSE OFFERINGS

English Language Arts, Grade 7, Full-Year Course (State Course # 200001)	
Audience	07
Credits	None
Prerequisites	None
Testing Requirements	
Materials	Course does not require textbook
Description: Reading literature, reading informational text, writing, speaking and listening, and language This course does not count for high school credit nor does it count towards the online experience.	

Mathematics, Grade 7, Full-Year Course (State Course # 210001)	
Audience	07
Credits	None
Prerequisites	None
Testing Requirements	
Materials	Course does not require textbook
Description: Students will analyze proportional relationships and use them to solve real - world and mathematical problems; apply and extend previous understandings of operations with fractions to add, subtract, multiply, and divide rational numbers; use properties of operations to generate equivalent expressions; solve real-life and mathematical problems using numerical and algebraic expressions and equations; draw, construct, and describe geometrical figures and describe the relationship between them; solve real-life and mathematical problems involving angle measure, area, surface area, and volume; use random sampling to draw inferences about a population; draw informal comparative inferences about two populations; and investigate chance processes and develop, use, and evaluate probability models. This course does not count for high school credit nor does it count towards the online experience.	

