

Note: Rising 8th graders must use the “2010-2011 Freshmen Registration Handbook” available online
<http://www.cobbk12.org/Allatoona/documents/8th%20Grade%20Registration%20Handbook%2010-11.pdf>

ALLATOONA HIGH SCHOOL



2010-2011
Course Catalog
(for current high school students)

High School Graduation Requirements (for students entering the 9th grade for the first time in 1999-2000 through 2007-2008 school years) The State Board of Education offers four diplomas: College Preparatory, College Preparatory with Distinction, Technology/Career and Technology/Career with Distinction. In order to receive a diploma, students must satisfy these requirements and must also pass all five areas of the Georgia High School Graduation Test.

Subjects	Technology/Career Diplomas	College Preparatory Diplomas
English	4 Units Including: 1/2 Unit American Literature	4 Units Including: 1/2 Unit American Literature (Course must be Level 2 or higher)
Mathematics*	3 Units Including: 1 Unit of Algebra I 2 Units Applied Algebra or 2 Units Algebra, Parts I & II or 1 Unit of Fundamentals of Algebra	4 Units Including: <i>Choose one of the following plans:</i> (1 Unit Alg.1) (2 units Alg.1 Parts 1 & 2) (1 Unit Geometry) or (2 Units Appl. Algebra) (1 Unit Alg.II) (1 Unit Geometry) (1 Unit Adv.Alg/or Anal.) (1 Unit Algebra II)
Science	3 Units Including: 1 Unit Physical Science or 1 Unit Principles of Technology and 1 Unit of Biology 1 Additional Science Unit	3 Units Including: <i>Choose one of the following plans:</i> (1 unit Biology) or (1 unit Physical Science) (1 unit Chemistry)(1 unit Biology) (1 unit Physics) (1 Additional unit)
Social Studies	3 Units Including: 1 Unit of World Studies (Geog. or History) 1 Unit U.S. History 1/2 Unit American Government 1/2 Unit Principles of Economics	3 Units including: 1 Unit of World History 1 Unit U.S. History 1/2 Unit American Government 1/2 Unit Principles of Economics
Health & Physical Education	1/2 Unit Health 1/2 Unit Personal Fitness	1/2 Unit 1/2 Unit Personal Fitness
Technology and/or Fine Arts and/or ROTC Technology/Career Prep and/or Foreign Language	1 Unit	1 Unit
Foreign Language*	No Requirement	2 Units in One Foreign Language
Technology/Career Education	4 Units Including 3 Units in one of the following Business or Computer Education Family and Consumer Science Cooperative Education Youth Apprenticeship Any one Trade and Industry Area ROTC (1 of the 4 units may included CVAE)	No Requirement (Students who complete the College Preparatory Program may also receive the Technology/Career Diploma with at least 4 units from among the Technology/Career offerings.
Local Electives	3 Units	4 Units
State Electives	0 from Core Courses-English/Language Arts, Mathematics, Science, Social Studies, Foreign Language and/or Fine Arts	0 from Core Courses-English/Language Arts, Mathematics, Science, Social Studies, Foreign Language and/or Fine Arts
TOTAL UNITS MINIMUM	22	22

Subjects	Technology/Career Diplomas with Distinction	College Preparatory Diplomas with Distinction
English	4 Units Including: 1/2 Unit American Literature	4 Units Including: 1/2 Unit American Literature (Course must be Level 2 or higher)
Mathematics*	3 Units Including: 1 Unit of Algebra I 2 Units Applied Algebra or 2 Units Algebra, Parts I & II or 1 Unit of Fundamentals of Algebra	4 Units Including: The student's transcript shall show credit or equivalency for each of the core courses of Algebra I; Euclidean Geometry or Informal Geometry; and Algebra II and an additional course listed in the CP mathematics or advanced mathematics category OR 2 Units of Alg I, Parts I & II; Informal Geometry; and Alg II. A math track ending with Alg II may not meet the admissions requirements for some colleges and universities.
Science	3 Units Including: 1 Unit of a Physical Science 1 Unit of a Life Science or 2 Units Applied Bio/Chemistry AND 1 Additional Science Unit	3 Units: One of the following plans is recommended. (1 Unit Biology) (1 Unit Physical Sci.) (1 Unit Chemistry) or (1 Unit Biology) (1 Unit Physics) (1 Additional Unit)
Social Studies	3 Units Including 1 Unit of World Studies (Geog. or History) 1 Unit U.S. History 1/2 Unit American Government 1/2 Unit Principles of Economics	3 Units including 1 Unit of World History 1 Unit U.S. History 1/2 Unit American Government 1/2 Unit Principles of Economics
Technology and/or Fine Arts and/or ROTC Technology/Career Prep and/or Foreign Language	1 Unit	1 Unit
Foreign Language*	No Requirement	2 Units in One Foreign Language
Technology/Career Education	4 Units Including A minimum of 3 units needs to be from Business, Computer, Family and Consumer Science, Cooperative Education Youth Apprenticeship, Technical/Career, or ROTC (one of the 4 units may be included CVAE)	No Requirement (Students who complete the College Preparatory Program may also receive the Technology/Career Diploma with at least 4 units from among the Technology/Career offerings. The Dual diploma does not require that these units be in one specialized area)
Local Electives	4 Units	4 Units
State Electives	1 Unit (from Core Courses-English/Language Arts, Mathematics, Science, Social Studies, Foreign Language and or/Fine Arts)	2 Units (from Core Courses-English/Language Arts, Mathematics, Science, Social Studies, Foreign Language and/or Fine Arts)
TOTAL UNITS MINIMUM	24	24

*Students who successfully complete high school level math and foreign language courses at the middle school level may earn one unit of high school credit for each course. These credits cannot be used to calculate GPA for HOPE Scholarship awards.

High School Graduation Requirements (for students entering the 9th grade for the first time in 2008-2009 and subsequent years) The State Board of Education offers one common set of requirements for all students to earn a regular diploma. In order to receive a diploma, students must satisfy these requirements and must also pass all five areas of the Georgia High School Graduation Test.

Subjects	Georgia High School Diploma
English	4 Units Including: 1 Unit 9 th Grade Literature/Composition 1 Unit American Literature/Composition 2 additional English units
Mathematics	4 Units Including: Math I or Accelerated Math I Math II or Accelerated Math II Math III or Accelerated Math III Math IV or Discrete Math or AP Statistics or AP Calculus
Science	4 Units Including: 1 Unit Biology 1 Unit Physics or Physical Science 1 Unit Chemistry or Earth Systems or Environment Science 1 additional science unit
Social Studies	3 Units including: 1 Unit World History 1 Unit United States History ½ Unit American Government/Civics ½ Unit Economics
CTAE and/or Modern Language/Latin and/or Fine Arts	<p style="text-align: center;">3 Units from any of these areas</p> <p>All students are encouraged to earn two units of credit in the same modern language/Latin. Students planning to enter or transfer into a University System of Georgia institution MUST take two units of the same modern language/Latin.</p> <p>Students may earn three units of credit in a coherent sequence of CTAE course through a self-selected pathway leading to college readiness and a career readiness certificate endorsed by related industries.</p>
Health and Physical Education	1 Unit Including: ½ Unit Health ½ Unit Personal Fitness
Electives	4 Units
TOTAL UNITS MINIMUM	23 Units

*Unit credit may be awarded for courses offered in the middle grades that meet 9-12 GPS requirements.

*No course credit may be awarded for courses in which instruction is based on the GPS for grades K-8.

*Completion of diploma requirements does not necessarily qualify student for the HOPE Scholarship Program.

Special Education

Students receiving services through the special education department have had an Individualized Education Plan (IEP) developed to meet their educational needs. Each student should complete his or her registration form with the help of his or her IEP team (parent, case manager, special education lead teacher, and regular education teacher) to ensure that requirements in the IEP are met.

English/Language Arts

Course Name/Description	Course Number	Credit	Prerequisite
World Lit/Comp (Y) is a college prep course which surveys the words of the early literature of the world through present day. Skills in literary analysis and critical thinking are stressed. Literary terms, composition techniques, vocabulary study, and parallel readings are included.	23.0630011	1.0	1 unit of English credit
ESOL World Lit/Comp (Y) contains the same GPS standards as regular World Lit/Comp. Adaptations in presentation are made to accommodate the needs of the ESOL students.	23.0630099	1.0	1 unit of English credit
Honors World Lit/Comp (Y) is an accelerated college prep course designed for the student who has a serious interest in interpreting literature. It includes literary selections from the entire world of writers to promote proficiency through a variety of writing styles. It stresses organization and development of written thought. It includes grammar, mechanics and usage, and research skills and activities designed to enhance speaking and listening abilities.	23.0630003	1.0	1 unit of English credit
American Lit/Comp (Y) is a college prep class which surveys American works and authors and will provide writing experiences related to the interpretation of literature. Grammar, vocabulary development, listening, speaking and research will also be included.	23.0510011	1.0	2 units of English credit
ESOL American Lit/Comp (Y) contains the same GPS standards as regular American Lit/Comp. Adaptations in presentation are made to accommodate the needs of the ESOL students.	23.0510099	1.0	2 units of English credit
Honors American Lit/Comp (Y) is an accelerated college prep course designed for the student who has a serious interest in interpreting literature. It covers a variety of literary genres and multicultural writers in a chronological or thematic pattern. It emphasizes developing control in expository writing (thesis support), moving toward precision in personal narrative, descriptive and persuasive writing, and refining research skills. It covers grammar, mechanics and usage.	23.0510003	1.0	2 units of English credit

Course Name/Description		Course Number	Credit	Prerequisite
AP Language w/Amer Lit/Comp(Y) is a college level course that conforms to the College Board recommendations for the Advanced Placement Language and Composition Examination. Emphasis on critical thinking, reading, and writing through the study and discussion of expository, analytical, and argumentative essays. Stresses the connection between reading and writing mature prose.		23.0530095	1.0	2 units of English credit
British Lit/Comp (Y) is a college prep course which surveys British works and authors and provides writing experiences related to the interpretations of literature. Grammar, vocabulary development, listening, speaking and research will also be included.		23.0520011	1.0	3 units of English credit
ESOL British Lit/Comp (Y) contains the same GPS standards as regular British Lit/Comp. Adaptations in presentation are made to accommodate the needs of the ESOL students.		23.0520099	1.0	3 units of English credit
AP English Literature & Comp (Y) is a college-level course that focuses on the reading and analysis of literary works and the writing of critical essays. Each semester is designed as an accelerated and enriching experience in analytical and critical thinking. It also pre-supposes that a student is proficient in composition. It is geared to the student who aspires to take the AP exam.		23.0650095	1.0	3 units of English credit
Multicultural Literature & Comp (Y) focuses on works by and about people of diverse ethnic backgrounds (African, African American, Native American, Asian, Hispanic/Latin). It stresses themes of cultural and linguistic diversity and develops critical thinking skills through class discussion and oral and written presentations.		23.0670011	1.0	3 units of English credit
Journalism: Newspaper I-IV (Y) are courses that explore journalistic writing through analysis of the newspaper. It concentrates on purpose, influence and structure and language use. It also covers newsgathering, ethics, copy writing, editing and revising. It will include layout, circulation and production as minor aspects.	I	23.0320023	1.0	Application Required (See Coach Lanier-Rm 2202)
	II	23.0330023	1.0	
	III	23.0350023	1.0	
	IV	23.0360023	1.0	
Journalism: Annual I-IV (Y) are courses that explore journalistic writing through the analysis of yearbooks. It concentrates on the purpose, influence and structure, and language use. It also covers news gathering, ethics, copy writing, editing and revising. The course includes layout, circulation and production as minor aspects.	I	23.0320011	1.0	Application Required (See Ms. Williams-Rm 2201)
	II	23.0330011	1.0	
	III	23.0350011	1.0	
	IV	23.0360011	1.0	

Mathematics

QCC Courses: Informal Algebra II, Algebra III, & Advanced Alg/Trig
(available only for students who entered 9th grade prior to the 2008-2009 school year)

Course Name/Description	Course Number	Credit	Prerequisite
<p>Math II: Geom/Alg II/Stats (Y) This is the second in the sequence of secondary mathematics courses designed to ensure that students are college and work ready. This course requires students to represent and operate with complex numbers; use numerical, graphical, and algebraic techniques to explore quadratic, exponential, and piecewise functions and to solve quadratic, exponential, and absolute value equations and inequalities; use algebraic models to represent and explore real phenomena; explore inverses of functions; use right triangle trigonometry to formulate and solve problems; discover, justify and apply properties of circles and spheres; use sample data to make informal inferences about population means and standard deviations; fit curves to data; examine curve fitting issues.</p>	27.0820011	1.0	Math I
<p>Math II Support (Y) The purpose of the Mathematics Support class is to address the needs of students who have traditionally struggled in mathematics by providing the additional time and attention they need in order to successfully complete their regular grade-level mathematics course without failing. Mathematics Support is an elective class that should be taught concurrently with a student's regular Mathematics II class.</p>	27.1450011	1.0	Teacher Rec.
<p>Math III: Advanced Alg/Stats (Y) This is the third in the sequence of secondary mathematics courses designed to ensure that students are college and work ready. It requires students to analyze polynomial functions of higher degree; explore logarithmic functions as inverses of exponential functions; solve a variety of equations and inequalities numerically, algebraically, and graphically; use matrices and linear programming to represent and solve problems, and to represent and solve problems involving vertex-edge graphs; investigate the relationships between lines and circles; recognize, analyze, and graph the equations of conic sections; investigate planes and spheres; solve problems by interpreting a normal distribution as a probability distribution; design & conduct experimental studies.</p>	27.0830011	1.0	Math II
<p>Math III Support (Y) The purpose of the Mathematics Support class is to address the needs of students who have traditionally struggled in mathematics by providing the additional time and attention they need in order to successfully complete their regular grade-level mathematics course without failing. Mathematics Support is an elective class that should be taught concurrently with a student's regular Mathematics III class.</p>	27.1460011	1.0	Teacher Rec.

Course Name/Description	Course Number	Credit	Prerequisite
<p>Math IV: Pre-Calculus/Trig/Stats (Y) This is a fourth year mathematics course designed to prepare students for calculus and similar college mathematics courses. It requires students to investigate and use rational functions; analyze and use trigonometric functions, their graphs, and their inverses; use trigonometric identities to solve problems and verify equivalence statements; solve trigonometric equations analytically and with technology; find areas of triangles using trigonometric relationships; use sequences and series; understand and use vectors; investigate the Central Limit theorem; and use margins of error and confidence intervals to make inferences from data.</p>	27.0840011	1.0	Math III
<p>Accelerated Math I (Y) This is the first in the sequence of mathematics courses designed to ensure that students are prepared to take higher level mathematics courses during their high school career, including Advanced Placement Calculus AB and Advanced Placement Statistics. Topics include those covered in Math I and Math II.</p>	27.0910003	1.0	Math I
<p>Accelerated Math II (Y) This is the second in the sequence of mathematics courses designed to ensure that students are prepared to take higher level mathematics courses during their high school career, including Advanced Placement Calculus AB and Advanced Placement Statistics. Topics include those covered in Math II & Math III.</p>	27.0920003	1.0	Accelerated Math I or Math II
<p>Accelerated Math III (Y) This is the third in the sequence of mathematics courses designed to ensure that students are prepared to take higher level mathematics courses during their high school career, including Advanced Placement Calculus AB and Advanced Placement Statistics. Topics include those covered in Math III & Math IV.</p>	27.0930003	1.0	Accelerated Math II or Math III
<p>AP Statistics (Y) is divided into four major themes: exploratory analysis, planning a study, probability, and statistical inference. Exploratory analysis of data makes use of graphical and numerical techniques to study patterns and departures from patterns. Probability is the tool used to anticipate future behavior of data associated with a given model. Statistical inference is the process used to make decisions stemming from observed data. This course is designed for students who want to pursue studies/careers in the quantitative/scientific fields</p>	27.0740095	1.0	Alg II or Hnrs Alg II or Math II or Acc Math II
<p>AP Calculus AB (Y) is a course in single-variable calculus that includes techniques and applications of the derivative, techniques and applications of the definite integral, and the Fundamental Theorem of Calculus. It is equivalent to at least one semester of calculus at most colleges and universities. Algebraic, numerical, and graphical representations are emphasized.</p>	27.0720095	1.0	Adv Alg/Trig or Analysis or Acc Math III

Science

Course Name/Description	Course Number	Credit	Prerequisite
<p>Physics I (Y) is a detailed study of energy and its relation to matter, beginning with mechanics (the study of motion) and extending to nuclear, sound, and electromagnetic energies. Electromagnetic energies include optics, electricity, and magnetism. Vector mathematics and Algebraic analysis are used.</p>	40.0810011	1.0	Biology
<p>Honors Physics I (Y) is an accelerated, in-depth study of energy and its relation to matter, beginning with mechanics (the study of motion) and extending to nuclear, sound, and electromagnetic energies. Electromagnetic energies include optics and electricity and magnetism. Vector mathematics and Algebraic analysis are used extensively.</p>	40.0810003	1.0	Hnrs Biology and Algebra II or Math II (or Concurrent Enrollment)
<p>Earth Systems (Y) develops explanations of phenomena fundamental to the sciences of geology and physical geography, including the early history of the Earth, plate tectonics, landform evolution, the Earth's geologic record, weather and climate, and the history of life on Earth. Instruction will focus on inquiry and development of scientific explanations, rather than mere descriptions of phenomena. Case studies, laboratory exercises, maps, and data analysis will be integrated into units. Special attention will be paid to topics of current interest and to potential careers in the geosciences.</p>	40.0640011	1.0	2 Units of Science
<p>Chemistry I (Y) is a study of the structure, properties and functions of matter, and is the foundation for a variety of fields of study as well as the basis for much of modern day industry and economics. Because of the abstract nature of atoms and molecules there is a strong conceptual component in its study, including both qualitative and quantitative laboratory work and mathematical analysis.</p>	40.0510011	1.0	2 Units of Science
<p>Honors Chemistry I (Y) is an accelerated introduction to the study of the structure, properties and functions of matter, and is the foundation for a variety of fields of study as well as the basis for much of modern day industry and economics. Because of the abstract nature of atoms and molecules there is a strong conceptual component in its study, including both qualitative and quantitative laboratory work and mathematical analysis. At the honors level there is a significant amount of mathematics.</p>	40.0510003	1.0	Hnrs Biology and Algebra II or Math I

Course Name/Description	Course Number	Credit	Prerequisite
<p>Zoology (Y) is a systematic study of the animal kingdom and their basic identification characteristics. Emphasis will be placed on comparative anatomy, as well as on the methods that each phyla uses to accomplish the basic life processes.</p>	26.0710011	1.0	2 units of Science
<p>Human Anatomy/Physiology (Y) is designed to give the student a overview of the structures and functions of the major systems of the human body. The course is intended for a student who is interested in pursuing a career in various medical fields and physical education.</p>	26.0730011	1.0	2 units of Science
<p>Forensics (Y) Students will learn the scientific protocols for analyzing a crime scene, how to use chemical and physical separation methods to isolate and identify materials, how to analyze biological evidence and the criminal use of tools, including impressions from firearms, tool marks, arson, and explosive evidence.</p>	40.0930011	1.0	Biology and Chemistry
<p>AP Chemistry (Y) is designed to be the equivalent of a college introductory chemistry course usually taken by students who have an interest in biological sciences, physical sciences, or engineering. The Advanced Placement Chemistry course expands the knowledge and skills gained during the introductory high school chemistry course. It provides students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of chemistry.</p>	40.0530095	1.0	Honors Chemistry I and Hnrs Alg II or Accel Math II
<p>AP Biology (Y) is designed to be the equivalent of a college introductory biology course usually taken by biology or other science majors during their first year. The Advanced Placement course in biology differs significantly from the usual first high school course in biology with respect to the textbook used, the range and depth of topics covered, laboratory work done by students, and the time and effort required of students. It provides students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology.</p>	26.0140095	1.0	Honors Biology and Honors Chemistry
<p>AP Physics B (Y) provides a systematic introduction to the main principles of physics and emphasizes the development of problem-solving ability. The course ordinarily forms both parts of the college sequence that serves as the foundation in physics for students majoring in pre-medicine or applied sciences.</p>	40.0830095	1.0	Honors Physics and Hnrs Alg II or Accel Math II

Social Studies

Course Name/Description	Course Number	Credit	Prerequisite
<p>World History (Y) is a survey of people and nations of both Western and non-Western civilizations. This course explores the political, cultural, and economic heritage of civilizations from the time of recorded history to present. Concepts and skills in problem solving and critical thinking are developed.</p>	4 5 . 0 8 3 0 0 1 1	1.0	None
<p>Honors World History (Y) is a survey of people and nations of both Western and non-Western civilizations. This course explores the political, cultural, and economic heritage of civilization from the time of recorded history through the industrial revolution (5000 B.C. – 1800’s) and from the rise of nationalism to contemporary times (1800’s – present). Critical thinking and problem solving are stressed. Extensive reading and writing are required.</p>	4 5 . 0 8 3 0 0 0 3	1.0	None
<p>AP World History (Y) highlights the nature of changes in international frameworks and their causes and consequences, as well as comparison among major societies. The course emphasizes relevant factual knowledge deployed in conjunction with leading interpretive issues and types of historical evidence. Focused primarily on the past thousand years of the global experience, the course builds on an understanding of cultural, institutional, and technological precedents that, along with geography, set the human state.</p>	4 5 . 0 8 1 1 0 9 5	1.0	Pre-AP Social Studies or AP Human Geography
<p>U. S. History (Y) is a survey of the development of the United States from discovery through the present. The purpose of this course is to increase knowledge, awareness, and appreciation of America’s social, political, and economic evolution from colonization to its current position as a world leader.</p>	4 5 . 0 8 1 0 0 1 1	1.0	None
<p>Honors U. S. History (Y) is a survey of the development of the United States from discovery through the present. The purpose of this course is to increase knowledge, awareness, and appreciation of America’s social, political, and economic evolution during the formative years to present. Emphasis on inquiry & analysis of historical situations. Extensive reading/writing are required.</p>	4 5 . 0 8 1 0 0 0 3	1.0	None
<p>AP U. S. History (Y) covers United States history from the time of earliest settlements to the present. The course targets political and social aspects of history, but also includes diplomatic, economic and intellectual history. The course will involve extensive readings, independent study and frequent written analysis to prepare students for the AP examination.</p>	4 5 . 0 8 2 0 0 9 5	1.0	Hnrs or AP World History

Course Name/Description	Course Number	Credit	Prerequisite
<p>American Government (semester course) is a study of the local, state, and federal governmental functions. Citizenship rights and responsibilities are emphasized. Focus areas include development of our political system, federalism, civil liberties, political parties, political theory and comparative government. Study of the functions of our executive, legislative, and judicial branches.</p>	4 5 . 0 5 7 0 0 1 0	½	US History
<p>Honors Amer. Govt. (semester course) is an accelerated study of the local, state, and federal governmental functions. Citizenship rights and responsibilities are emphasized. Focus areas include development of our political system, federalism, civil liberties, political parties, political theory and comparative government. Also, the functions of our executive, legislative, and judicial branches of govt.</p>	4 5 . 0 5 7 0 0 0 2	½	US History
<p>Prin of Economics (semester course) is a study of fundamental concepts and essential elements of the market economic system in a problem/issues orientation. Focus areas include opportunity costs and scarcity, supply/demand analysis, competitive markets, macroeconomics measurement, business cycles, inflation, unemployment, monetary/fiscal policies, & international trade.</p>	4 5 . 0 6 1 0 0 1 0	½	US History
<p>Honors Economics (semester course) is an accelerated study of fundamental concepts and essential elements of the market economic system in a problem/issues orientation. Focus areas include opportunity costs and scarcity, supply/demand analysis, competitive markets, macroeconomics measurement, business cycles, inflation, unemployment, monetary and fiscal policies, and international trade.</p>	4 5 . 0 6 1 0 0 0 2	½	US History
<p>AP American Govt. (Y) conforms to the College Board topics for AP American Government which is the study of local, state, & federal government functions. Focus areas include the development of the political system, federalism, political parties, & political theory.</p>	4 5 . 0 5 2 0 0 9 5	1.0	Hnrs or AP US History
<p>AP Microeconomics (Y) conforms to College Board topics for the Advanced Placement Microeconomics Examination. Covers basic economic concepts, the nature and functions of product markets, factor markets and efficiency, equity and the role of government.</p>	4 5 . 0 6 3 0 0 9 5	1.0	Hnrs or AP US History
<p>AP European History (Y) provides students with knowledge of the basic chronology of major events and trends in Europe from 1450 to the present. The course is designed to help students develop an understanding of the principal themes in modern European history. Advanced writing skills are required since students must analyze historical evidence and express historical understanding to prepare for the AP examination.</p>	4 5 . 0 8 4 0 0 9 5	1.0	(11 th & 12 th grade only)

Course Name/Description	Course Number	Credit	Prerequisite
Current Issues (Y) provides an opportunity for in-depth examination of contemporary local, state, national and international issues. The purpose of this course is to assess, assimilate, and analyze political/economic situations. Intense reading and detailed research are required.	4 5 . 0 1 2 0 0 9 9	1.0	(10 th , 11 th , & 12 th grade)
Psychology (Y) gives a general overview of the principles and concepts of psychology, including learning theory, perception, intellectual, and social development, abnormal behavior, and interpersonal relationships. The purpose of this course is to provide students with a better understanding of the dynamics that shape our own behaviors as well as the behaviors of others.	4 5 . 0 1 5 0 0 9 9	1.0	(11 th & 12 th grade only)
AP Psychology (Y) is a college level survey course with study in Learning Theory, Abnormal Behavior, and Social Psychology. Extensive reading, writing and statistical analysis are required by students.	4 5 . 0 1 6 0 0 9 5	1.0	(11 th & 12 th grade only)

Modern and Classical Languages

Course Name/Description	Course Number	Credit	Prerequisite
French I (Y) is an introduction to the language and culture of France and other French-speaking countries. The course will enable students to attain a beginner's level of proficiency in listening, speaking, reading, and writing, with an emphasis on oral proficiency.	6 0 . 0 1 1 0 0 1 1	1.0	None
French II (Y) is designed to further develop listening, speaking, reading and writing with an emphasis on oral proficiency. The student will acquire a basic command of key vocabulary/grammatical structures necessary for limited personal communication and an appreciation of diversity in the French-speaking world.	6 0 . 0 1 2 0 0 1 1	1.0	French I
Honors French II (Y) is designed for the student who has demonstrated superior facility in foreign language and offers a variety of opportunities for enrichment and oral work. The goal for certain grammatical functions will be full control rather than partial control.	6 0 . 0 1 2 0 0 0 3	1.0	French I
Honors French III (Y) is designed to further develop a student's communication skills and cultural appreciation of the French-speaking world. The student will be able to participate in a variety of oral and written activities.	6 0 . 0 1 3 0 0 0 3	1.0	French II
Honors French IV (Y) is designed to increase oral and written fluency and to provide intensive study of the culture, geography and history of the French-speaking world.	6 0 . 0 1 4 0 0 0 3	1.0	Honors French III
AP French Language (Y) is designed to prepare students to take the AP language test by in-depth study of grammar and intensive practice of listening, speaking, reading, and writing.	6 0 . 0 1 7 0 0 9 5	1.0	Honors French IV

Course Name/Description	Course Number	Credit	Prerequisite
Spanish I (Y) is an introduction to the language and culture of Spain and other Spanish-speaking countries. The course will enable students to attain a beginner's level of proficiency in listening, speaking, reading, and writing, with an emphasis on oral proficiency.	60.0710011	1.0	None
Spanish II (Y) is designed to further develop listening, speaking, reading and writing with an emphasis on oral proficiency. The student will acquire a basic command of key vocabulary/grammatical structures necessary for limited personal communication and an appreciation of diversity in the Spanish-speaking world.	60.0720011	1.0	Spanish I
Honors Spanish II (Y) is designed for the student who has demonstrated superior facility in foreign language and offers a variety of opportunities for enrichment and oral work. The goal for certain grammatical functions will be full control rather than partial control.	60.0720003	1.0	Spanish I and Teacher Rec.
Honors Spanish III (Y) is designed to further develop a student's communication skills and cultural appreciation of the Spanish-speaking world. The student will be able to participate in a variety of oral and written activities.	60.0730003	1.0	Spanish II or Hrs Span II
Honors Spanish IV (Y) is designed to increase oral and written fluency and to provide intensive study of the culture, geography and history of the Spanish-speaking world.	60.0740003	1.0	Honors Spanish III
Honors Spanish V (Y) focuses on the development of fluent communication using authentic materials from Spanish-speaking countries such as newspapers, magazines, and web sites.	60.0750003	1.0	Hrs Span IV
AP Spanish Language (Y) is designed to prepare students to take the AP language test by in-depth study of grammar and intensive practice of listening, speaking, reading, and writing.	60.0770095	1.0	Hrs Span IV
Latin I (Y) is an introduction to the language and civilization of the Romans. The course is designed to develop a knowledge base composed of vocabulary, grammar, translation, derivatives, mottoes, abbreviations, quotations, life in ancient Rome and mythology.	61.0410011	1.0	None
Latin II (Y) is designed to develop reading comprehension of texts written in Latin. The course will provide additional study of grammar, vocabulary, translation, derivatives, mythology, and Roman civilization.	61.0420011	1.0	Latin I
Honors Latin III (Y) is designed to provide the student with the opportunity to understand works of classical authors with emphasis on prose selections. Additionally, the student will study grammar, prepare translations, and study the culture and history corresponding to the period in which the literary selections were written.	61.0430003	1.0	Latin II

Course Name/Description	Course Number	Credit	Prerequisite
Honors Latin IV (Y) is designed to provide the student with the opportunity to understand the works of classical authors with primary emphasis on epic poetry selections. Course work will include transitional readings, grammar review, a study of the mechanics of Latin poetry, and translations from the Roman author Vergil.	61.0440003	1.0	Hnrs Latin III
AP Latin Vergil (Y) is designed to prepare the student to take the AP language test by in-depth study of grammar and intensive translation from Latin poetry indicative to the examination to be taken.	61.0470095	1.0	Hnrs Latin IV

Visual Arts

Course Name/Description	Course Number	Credit	Prerequisite
Visual Arts: Comprehensive (Y) introduces art history, criticism, aesthetic judgment & studio production to the beginning art student. Emphasizes the ability to understand & use the elements of art & principles of design through a variety of media processes both 2-D and 3-D. A chronological study of the history of art and criticism accompanies the studio experiences.	50.0211099	1.0	None
Applied Design I (Y) emphasizes composition, layout, and format for use in industry. It stresses proper use of equipment, vocabulary & technical terms and investigates multiple materials and their roles in design. Includes a cultural & historical study of design works of different periods, cultures and styles.	50.0431099	1.0	Visual Art: Comp
Drawing & Painting I (Y) introduces drawing & painting techniques and a variety of drawing & painting media. Emphasizes development of drawing & painting skills and utilizes problem solving skills to achieve desired results.	50.0313099	1.0	Visual Art: Comp
Drawing II (Y) enhances skills developed in Drawing I and provides further exploration of drawing media. Reinforces problem-solving skills, encourages self-expression and a greater sophistication in the use of drawing materials is expected.	50.0312099	1.0	Draw/Paint I
Drawing & Painting II (Y) introduces advanced drawing and painting techniques and focuses on individual expression. Problem solving skills are challenged to achieve mastery of techniques and materials. Exhibition and presentation opportunities are provided.	50.0314099	1.0	Draw/Paint I

Course Name/Description	Course Number	Credit	Prerequisite
<p>Photography I (Y) introduces photography as an art form and covers the historical development of photography and photographic design. A formal photographic critiquing method will be taught and used in evaluating works of others & self. Introduces enlarging negatives and stresses composing and processing techniques using a 35mm camera & pinhole camera. The safe use of photographic materials and equipment is stressed.</p>	50.0711099	1.0	Applied Design I or Draw/Paint I
<p>Photography II (Y) enhances skills acquired in the level 1 class and provides opportunities to apply more complex photographic processes. Explores alternative, experimental developing chemicals & processes. Stresses personal expression of ideas and depth of exploration in selected photo techniques. The exploration of the history and development of photography continues.</p>	50.0712099	1.0	Photography I
<p>Ceramics/Pottery I (Y) introduces the characteristics of clay and design using various techniques of construction & surface treatments. Studio processes are emphasized and students are involved in firing & presenting their clay work.</p>	50.0411099	1.0	Visual Art: Comp
<p>Ceramics/Pottery II (Y) enhances skills learned in the level one course and provides additional opportunities for various clay techniques in hand building & wheel throwing. Evaluation & aesthetic judgment on student work is emphasized & personal expression in clay is encouraged.</p>	50.0412099	1.0	Ceramics/Pottery I
<p>Sculpture I (Y) introduces the design and production of relief sculpture and sculpture-in-the round. Includes additive & subtractive modeling methods; explores traditional & non-traditional materials for sculpted works. A study of the historical origin & function of sculpture in a variety of cultures is included.</p>	50.0611099	1.0	Ceramics/Pottery I
<p>Sculpture II (Y) introduces advanced sculpture production techniques. Includes additive and subtractive modeling methods; explores traditional and non-traditional materials for sculptured works. Exhibition and presentation opportunities are provided.</p>	50.0612099	1.0	Sculpture I
<p>AP Studio Art: Drawing (Y) conforms to College Board's topics for the Advanced Placement Studio Art Drawing Portfolio Exam. Requires submission of original works & slides to be evaluated on quality, breadth & concentration of an idea or concept. Emphasizes experiences using different drawing media and approaches. This course provides students with college-level studio experiences and encourages self-expression.</p>	50.0811095	1.0	Drawing I/II or Draw/Paint I/II

Course Name/Description	Course Number	Credit	Prerequisite
AP Studio Art: 2D Design (Y) conforms to College Board's topics for the AP Studio Art 2-D Design Portfolio Examination. Requires submission of original works & slides to be evaluated on quality, breadth & concentration of a concept or idea. Emphasizes experiences in 2-D Design art production which might include (but are not limited to) photography, printmaking & computer generated work. This course provides students with college-level studio experiences.	5 0 . 0 8 1 3 0 9 5	1.0	Drawing I/II or Photography I/II
AP Studio Art: 3D Design (Y) conforms to College Board's topics for the Advanced Placement Studio Art Drawing Portfolio Examination. Requires submission of original works & slides to be evaluated on quality, breadth & concentration of an idea or concept. Emphasizes experiences using different 3-D design, media and approaches. This course provides students with college-level studio experiences.	5 0 . 0 8 1 4 0 9 5	1.0	Ceramics/ Pottery and Sculpture

Music

Course Name/Description	Course Number	Credit	Prerequisite
Brass Techniques & Concert Band are band performance classes that focus on the basic fundamentals of tone production, music reading, and performance. These classes meet all year on alternating days. The Brass Techniques class will focus on the technical development of the specific brass instrument, while the band class will focus on the development of the combined ensemble.	5 3 . 0 3 6 1 0 9 9	1.0	Audition
	5 3 . 0 3 6 4 0 9 9	1.0	
Woodwind Techniques & Concert Band are band performance classes that focus on the basic fundamentals of tone production, music reading, and performance. These classes meet all year on alternating days. The Woodwind Techniques class will focus on the technical development of the specific woodwind instrument, while the band class will focus on the development of the combined ensemble.	5 3 . 0 3 6 2 0 9 9	1.0	Audition
	5 3 . 0 3 6 4 0 9 9	1.0	
Percussion Techniques & Concert Band are band performance classes that focus on the basic fundamentals of tone production, music reading, and performance. These classes meet all year on alternating days. The Percussion Techniques class will focus on the technical development of the percussion instruments, while the band class will focus on the development of the combined ensemble.	5 3 . 0 3 6 3 0 9 9	1.0	Audition
	5 3 . 0 3 6 4 0 9 9	1.0	
Symphonic Band I & II are advanced band performance classes for instrumentalists that have solid training in performance fundamentals. Students will deepen their understanding of individual and ensemble performance skills through the performance of advanced literature. These classes meet everyday both semesters.	5 3 . 0 3 7 3 0 9 9	1.0	Audition
	5 3 . 0 3 7 4 0 9 9	1.0	

Course Name/Description	Course Number	Credit	Prerequisite
Women's Chorus and Mixed Chorus I provides opportunities for young women to develop performance skills in all-female chorus singing. Covers performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music and appreciation of music. Organizes objectives for self-paced progress through all four levels. Stresses individual progress and group experiences. The Women's Chorus and Mixed Chorus classes meet all year on alternating days.	5 4 . 0 2 4 1 0 9 9	1.0	None
	5 4 . 0 2 1 1 0 9 9	1.0	
Men's Chorus and Mixed Chorus I provides opportunities for young men to develop performance skills in all-male chorus singing. Covers performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music and appreciation of music. Organizes objectives for self-paced progress through all four levels. Stresses individual progress and group experiences. The Men's Chorus and Mixed Chorus classes meet all year on alternating days.	5 4 . 0 2 7 1 0 9 9	1.0	None
	5 4 . 0 2 1 1 0 9 9	1.0	
Women's Chorus and Mixed Chorus II provides opportunities for intermediate-level female performers to increase performance skills and knowledge in all-female choral singing. Covers performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music and appreciation of music. Organizes objectives for self-paced progress through all four levels. Stresses individual progress and group experiences. The Women's Chorus and Mixed Chorus classes meet all year on alternating days.	5 4 . 0 2 5 2 0 9 9	1.0	Audition
	5 4 . 0 2 2 2 0 9 9	1.0	
Men's Chorus and Mixed Chorus II provides opportunities for intermediate-level male performers to increase performance skills and knowledge in all-male choral singing. Covers performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music and appreciation of music. Organizes objectives for self-paced progress through all four levels. Stresses individual progress and group experiences. The Men's Chorus and Mixed Chorus classes meet all year on alternating days.	5 4 . 0 2 8 2 0 9 9	1.0	Audition
	5 4 . 0 2 2 2 0 9 9	1.0	
Orchestra and Orchestra Techniques I are the entry level orchestra performance classes that focus on the basic fundamentals of tone production, music reading, and performance. The Orchestra I and Orchestra Techniques I classes meet all year on alternating days. The techniques class focuses on the technical development of the string instrument, while the orchestra class focuses on the development of the combined ensemble.	5 3 . 0 5 6 1 0 9 9	1.0	Audition
	5 3 . 0 5 6 2 0 9 9	1.0	

Orchestra and Orchestra Techniques II are performance classes for instrumentalists who have previous experience. The Orchestra II and Orchestra Techniques II classes meet all year on alternating days. The techniques class focuses on the technical development of the string instrument, while the orchestra class focuses on the development of the combined ensemble.	5 3 . 0 5 7 2 0 9 9	1.0	Audition
	5 3 . 0 5 7 3 0 9 9	1.0	
AP Music Theory (Y) conforms to College Board topics for the Advanced Placement Music Theory Examination. This course will require students to read, notate, and compose music, as well as, develop skills in harmonization, techniques of modulation, key relationships, and notational skills.	5 3 . 0 2 3 0 0 9 5	1.0	Music Thry I or Teacher Rec.

Drama

Course Name/Description	Course Number	Credit	Prerequisite
Acting I (Y) introduces advanced acting process. Stresses developing imagination, observation, concentration powers and self-discipline. Includes developing physical and vocal control while transmitting emotions, conviction and ideas; enhances self-confidence and self-awareness. Focuses on scene study.	5 2 . 0 6 1 0 0 9 9	1.0	None
Acting II (Y) enhances level-one skills with emphasis on classical and historical scene study.	5 2 . 0 6 2 0 0 9 9	1.0	Acting I
Musical Theatre I (Y) introduces the style and characteristic elements of modern musical theatre. Covers production staging, orchestration, voice and dance; offers an opportunity for team teaching through interdisciplinary collaboration with the chorus, band, art, technology, physical education and dance instructors.	5 2 . 0 3 1 0 0 9 9	1.0	Acting I or Audition
Musical Theatre II (Y) enhances level-one skills with a focus on voice production and provides opportunities for performance.	5 2 . 0 3 2 0 0 9 9	1.0	Musical Theater I
Musical Theatre III (Y) enhances level-two skills with a focus on character study with opportunities for performance.	5 2 . 0 3 3 0 0 9 9	1.0	Musical Theater II
Fundamentals of Drama I (Y) develops and applies performance skills through basic vocal, physical and emotional exercises; includes improvisation and scene study and related technical art forms.	5 2 . 0 2 1 0 0 9 9	1.0	Acting II or Music Thea I
Fundamentals of Drama II (Y) enhances level-one skills by producing and studying children's theatre in depth with performance opportunities.	5 2 . 0 2 2 0 0 9 9	1.0	Fundamentals of Drama I
Fundamentals of Drama III (Y) enhances level-two skills by producing and studying literature as related to theatre. Provides opportunities for performance with focus on language arts classes.	5 2 . 0 2 3 0 0 9 9	1.0	Fundamentals of Drama II

Technical Theatre II (Y) enhances level-one skills and introduces aspects of drafting, creation of lighting, sound, properties, costumes and make-up design. Offers opportunities to apply skills in these areas.	5 2 . 0 4 2 0 0 9 9	1.0	Technical Theater I & Teacher Rec.
Technical Theatre III (Y) enhances level-two skills in drafting and set design and includes in-depth exploration of light operation, sound operation, stage management, costume construction, set development, make-up and production staff.	5 2 . 0 4 3 0 0 9 9	1.0	Technical Theater II & Teacher Rec.

Family and Consumer Sciences

Course Name/Description	Course Number	Credit	Prerequisite
FACS Pathway Essentials (Y) is a course designed to assist students in developing the core knowledge and skills in the areas of leadership, human development, family and parenting education, consumer economics and resource management, housing and living environments, nutrition and foods, textiles and apparel, and career preparation. The course allows students to select specific areas for future concentrated study.	2 0 . 4 0 1 0 1 9 9	1.0	None
Food & Nutri Through Lifespan (Y) develops skills in the analysis of food nutrients and nutritional programs; development of menus to meet Nutrition Standard Menu requirements; and the appropriate sanitary practices and safe use of equip in different service assemblies. (This is the second course in the "Nutrition & Food Science pathway.")	2 0 . 4 1 7 1 0 9 9	1.0	Food, Nutrition, and Wellness
Food Science (Y) addresses preparation, evaluation, and utilization of food. The course highlights nutrition concepts and explores the various relationships between food science and nutrition. (This is the third course in the "Nutrition & Food Science pathway.")	2 0 . 4 1 8 1 0 9 9	1.0	Food & Nutri Through Lifespan
Foundations of Interior Design (Y) is designed to prepare students to understand the interior design industry. Areas of study include: world of interior design; social, psychological, and economic influences; trends and issues; elements of design; and interior design principles. (This is the first course in the "Interior Design Pathway.")	2 0 . 4 4 1 0 0 9 9	1.0	None
Interior Design Furnishings, Materials (Y) addresses the hands-on applications of the design fundamentals as applied to room composition. Space and traffic patterns, color theory, drawing for interior design, and blueprint reading are covered. (This is the second course in the "Interior Design Pathway.")	2 0 . 4 4 2 0 0 9 9	1.0	Fnds of Interior Design
Textile Science (Y) includes emphasis on the fundamentals of furniture, accessories and lighting. Topics include antiques, collectibles, furniture styles, selection of quality furniture, and decorating lighting. (This is the third course in the "Interior Design Pathway.")	2 0 . 4 4 7 0 0 9 9	1.0	Interior Design Furnishings

Culinary Arts

Course Name/Description	Course Number	Credit	Prerequisite
Intro to Culinary Arts (Y) is designed to introduce students to fundamental food preparation terms, concepts, and methods in Culinary Arts where laboratory practice will parallel class work. (This is the 1st course in the “Culinary Arts Path.”)	2 0 . 5 3 1 0 0 9 9	1.0	None
Culinary Arts I (Y) course of study includes the development of skills in food safety and sanitation, accident & injury prevention, kitchen basics, operating and maintaining commercial utensils and equipment, preparation of commercial food items, the art of service, controlling costs, food management functions, and customer relations. At the end of the course students must have participated in 200 hours of work-based learning experiences and pass a final exam to fulfill partial requirements for the National ProStart Certificate. (This is the 2nd course in the “Culinary Arts Path.”)	2 0 . 5 3 2 1 0 9 9	1.0	Intro to Culinary Arts
Culinary Arts II (Y) enhances level-one competencies by providing a broader exposure to the food and hospitality industry. Class experiences build on previous instruction. At the end of the course students must have participated in 200 hours of work-based learning experiences and pass a final examination to fulfill the balance of requirements for receiving the National ProStart Certificate. (This is the 3rd course in the “Culinary Arts Path.”)	2 0 . 5 3 3 1 0 9 9	1.0	Culinary Arts I
FACS Co-Op/Internship I (Y) prepares students for a career through teacher-supervised work-based training experience for a minimum of fifteen hours per week. A student portfolio document experience is required.	2 0 . 0 3 7 2 0 9 9	1.0	Teacher Rec.

Teaching as a Profession

Course Name/Description	Course Number	Credit	Prerequisite
Examining Teaching Profession (Y) introduces the profession of teaching. It covers the operations and behaviors for effective learning and a variety of teaching strategies. Field experiences under the direct supervisor of an experienced teacher are integrated into the course. (This is the first course in the “Education & Teaching Pathway.”)	1 3 . 4 1 1 0 0 9 9	1.0	Application Required (See Ms. Hall Rm 2307)
Contemporary Issues in Education (Y) enhances the skills learned in the introduction course and increases the field experiences of working directly with children. (This is the second course in the “Education & Teaching Pathway.”)	1 3 . 4 1 2 0 0 9 9	1.0	Examining Teaching Profession
Teaching as Profession-Internship (Y) is the field experience component of the Teacher Apprenticeship Program. It provides students the opportunity to work in an elementary, middle, or high school setting as a teacher assistant. (This is the third course in the “Education & Teaching Pathway.”)	1 3 . 5 2 1 0 0 9 9	1.0	Contemp Issues in Education

JROTC Navy: Naval Science

Course Name/Description	Course Number	Credit	Prerequisite
<p>JROTC Navy (NS1) Cadet Field Manual/Intro to NJROTC (Y) includes the study of naval heritage, organization, sea power and naval history from colonial times to the 1850s as well as the study of American maritime history from 1860 to the end of World War I, the study of naval ship missions and organization, an introduction to navigation and maritime geography, basic seamanship including rig and shipboard watch procedures, military drill with rifles, nautical plotting, rules and regulations, and aids to navigation. Navy leadership principles will be applied to drills and unit organizational duties. It also introduces students to the organization used to conduct various operations and basic naval communications. An introduction to naval physical fitness and related health topics are covered. Other unit topics include a study of officer and enlisted programs, military drill, commands, ceremonies, naval career planning, leadership development, physical development, oceanography, the study of naval intelligence and national security, shipboard evaluations, health and first aid, and physical fitness.</p>	2 8 . 4 2 2 0 0 9 9	1.0	None
<p>JROTC Navy (NS2) Maritime History/Nautical Sciences (Y) deals with the study of geopolitics and opposing theories and the study of meteorology, astronomy, and naval electronics, which includes basic radar and sonar theory and electrical circuitry. Navy service and career programs, qualities of leadership, and military discipline involving the Code of Conduct are covered. Other topics presented are American democracy, naval history from the end of World War I to the end of World War II, fitness, and an introduction to land survival methods, fitness, and advanced military drill. Also includes the study of navy career fields for officer and enlisted specialists; and it introduces students to national security strategies, modern naval conflicts, and defense strategy. Naval history from 1950 to the end of the Vietnam period is focused upon, in addition to leadership, military justice, and the international laws of the sea. The development of naval weapons and introduction to gunnery and guided missiles are emphasized, as well as maritime logistics, naval research and development, navy fitness testing, and advanced military drill. Voice commands are introduced to drills, commands, and ceremonies unit.</p>	2 8 . 4 2 4 0 0 9 9	1.0	JROTC Navy (NS1)
<p>JROTC Navy (NS3) Naval Knowledge, Orientation, Skills (Y) furthers the foundation in citizenship and leadership established in Naval Science One/Two and expounds upon the virtues of U.S. citizenship with knowledge of uses for the world's waterways through the viewpoint of national power and international law, and provides classroom and practical application in naval organization and ships</p>	2 8 . 4 2 6 0 0 9 9	1.0	JROTC Navy (NS2)

Business and Computer Science

Course Name/Description	Course Number	Credit	Prerequisite
<p>Business Essentials (Y) is the foundations course for the “Small Business Development Career Pathway.” Students interested in owning and operating their own business will build a strong knowledge base and develop management skills as they study forms of business ownership, functions of management, financial management, technology, communications, legislative regulations, and community involvement. Project-based activities will prepare students for the global marketplace. (This is the first course in the “Small Business Development Pathway” and “Accounting Pathway.”)</p>	06.4160099	1.0	None
<p>Principles of Accounting I (Y) introduces elements and concepts of double entry accounting in the basic accounting cycle for proprietorships and partnerships using spreadsheets and accounting software. (This is the second course in the “Accounting Pathway.”)</p>	07.4110099	1.0	Business Essentials
<p>Principles of Accounting II (Y) enhances Accounting I skills and introduces elements and concepts of accounting systems, departmentalized, automated, corporate, and management accounting using spreadsheets and accounting software. (This is the third course in the “Accounting Pathway.”)</p>	07.4120099	1.0	Principles of Accounting I
<p>Legal Environment of Business (Y) is designed to concentrate on the legal aspects of business ownership and management. Legal issues will include contracts, sales, consumer law, employment law, and government effects on business. (This is the second course in the “Small Business Development Pathway.”)</p>	06.4150099	1.0	Business Essentials
<p>Entrepreneurial Ventures (Y) focuses on recognizing a business opportunity, starting a business based on the recognized opportunity, and operating and maintaining that business. Preparation of a business plan allows students to apply the functional areas of business—accounting, finance, marketing, and management—and the legal and economic environments in which a new venture operates. School-based enterprises resulting from the study of entrepreneurship give students the opportunity to plan, open, operate, and maintain a business as a work-based learning experience. (This is the third course in the “Small Business Development Pathway.”)</p>	06.4170099	1.0	Legal Environment of Business
<p>Computing in the Modern World (Y) develops basic skills in information technology, software systems management, operating systems, data communications, networking, the Internet, and basic concepts of programming. Students also develop an awareness of the social, ethical, and legal issues in the information technology field. (This is the first course in the “Computing Pathway” and “Interactive Media Pathway.”)</p>	11.4130099	1.0	None

Course Name/Description	Course Number	Credit	Prerequisite
Beginning Programming (Y) teaches students basic programming concepts, applied programming languages, software development, and database administration. (This is the second course in the “Computing Pathway.”)	1 1 . 4 1 8 0 0 9 9	1.0	Computing in the Modern World
Intermediate Programming (Y) will teach key concepts of software engineering, graphical user interface, and user interface design. Students will gain a deeper understanding of basic data structures and use them to solve more complex problems. (This is the third course in the “Computing Pathway.”)	1 1 . 4 2 1 0 0 9 9	1.0	Beginning Program
Fundamentals of Web Design (Y) focuses on designing Web sites. Included are site planning, page layout, graphic design, and the use of markup languages. (This is the second course in the “Interactive Media Pathway.”)	1 1 . 4 3 1 0 0 9 9	1.0	Computing in Modern World
Advanced Web Design (Y) provides students with the study of advanced topics in web page design. (This is the third course in the “Interactive Media Pathway.”)	1 1 . 4 3 2 0 0 9 9	1.0	Fundamental of Web Page Design
Intro to Animation and 3-D Design (Y) is an introduction to the animation and 3-d design industry. The principles are applied to printed media, digital presentation media, and interactive media.	1 1 . 4 2 8 0 0 9 9	1.0	Advanced Web Page Design

Healthcare Science

Course Name/Description	Course Number	Credit	Prerequisite
Introduction to Healthcare Science (Y) provides students with the initial exposure to healthcare science skills in the areas of health, wellness, and preventive care. Medical terminology, microbiology, and basic life support skills are emphasized. (This is the 1st course for ALL Healthcare Pathways.)	2 5 . 5 2 1 0 0 9 9	1.0	None
Principles of Physical Medicine (Y) (formerly Sports Medicine I) is designed as an introduction to the fields of sports medicine and athletic training. It will provide the student with basic information relevant to the prevention, recognition, first aid, referral and rehabilitation of athletic injuries. (This is the 2nd course in the “Physical Medicine Pathway.”)	2 5 . 5 8 0 0 0 9 9	1.0	Intro to Healthcare Science
Concepts of Physical Medicine (Y) (formerly Sports Medicine II) is an extension of the introductory course in Sports Medicine and athletic training. It will provide a more in-depth examination of athletic training, sports medicine and sports injury assessment and management. Field experiences may be a part of the course requirements depending upon facilities and opportunities available to the class and instructor. (This is the 3rd course in the “Physical Medicine Pathway.”)	2 5 . 5 8 1 0 0 9 9	1.0	Principle of Physical Medicine

Course Name/Description	Course Number	Credit	Prerequisite
Applications of Therapeutic Serv. (Y) enhances skills from the introduction course. Basic life support techniques are expanded to include rescue skills for infants and children. The function and pathophysiology of each body system is evaluated. Vital Signs and Apothecaries' system used by physicians are introduced. (This is the 2nd course in the "Nursing Pathway" and "Medical Services Pathway.")	2 5 . 5 2 2 0 0 9 9	1.0	Intro to Healthcare Science
Nursing Essentials (Y) is designed to provide students with skills necessary to function as a Nursing Assistant in a variety of health care settings. Students are introduced to a variety of skills such as patient care, legal and ethical issues, documentation, anatomy, physiology, and nutrition. (This is the 3rd course in the "Nursing Pathway.")	2 5 . 5 6 1 0 0 9 9	1.0	Applications of Therapeutic Services
General Medicine (Y) is designed to offer students the opportunity to become effective and efficient multi-skilled healthcare providers as they develop a working knowledge of each of the major departments of the average acute care setting/hospital. (This is the 3rd course in the "Medical Services Pathway.")	2 5 . 5 2 5 0 0 9 9	1.0	Applications of Therapeutic Services

Engineering Drafting and Design

Course Name/Description	Course Number	Credit	Prerequisite
Intro to Engineering Draw/Design (Y) is an introductory course and a pre-requisite to all other Engineering Design and Drawing courses. Emphasis is placed on safety, correct use of tools and equipment, drafting media, sketching, lettering, fundamentals of CAD and multi-view drawings. (This is the 1st course in the "Engineering Graphics & Design Pathway" and "Architectural Drawing & Design Pathway.")	4 8 . 5 4 1 0 0 9 9	1.0	None
Architectural Drawing & Design I (Y) introduces students to the basic terminology, concepts, and principles of Architectural Design. Emphasis is placed on house designs, floor plans, roof designs, elevations sections and details and foundations. (This is the 2nd course in the "Architectural Drawing & Design Pathway.")	4 8 . 5 4 5 0 0 9 9	1.0	Intro to Engineering Drawing and Design
Architectural Drawing/Design II (Y) builds on the skills developed in the prerequisite course. Emphasis is placed on schedules, plumbing, heating and air, graphic presentations, plot/site plans, specifications, and building estimations. (This is the 3rd course in the "Architectural Drawing & Design Pathway.")	4 8 . 5 4 6 0 0 9 9	1.0	Architectural Drawing and Design I
3D Modeling and Analysis (Y) develops skills in dimensioning, tolerancing, pictorials, sections, auxiliary views, and intersection and developments. CAD tools and software is used extensively throughout this course. (This is the 3rd course in the "Engineering Graphics & Design Pathway.")	4 8 . 5 4 3 0 0 9 9	1.0	Survey of Engineering Concepts

Construction Technology

Course Name/Description	Course Number	Credit	Prerequisite
<p>BOTH COURSES TAKEN SAME YEAR</p> <p>Occupational Safety and Fund. (Y) is the first course in the construction core curriculum that encompasses the basics and fundamentals of common skills spanning a variety of construction occupations. These basic skills include safety, mathematics, hand tools, power tools, blueprint reading, and basic rigging. Minimum performance requirements are based on the student successfully completing the modules according to the National Center Construction Education Research (NCCER) Occupational Standards.</p> <p>Introduction to Construction (Y) is designed to acquaint students with the four major technical occupations that are available in the building industry: carpentry, electrical, masonry, and plumbing. The various activities equip students with the skills needed to select a building construction occupation. (These are the first two courses for <u>ALL</u> Construction Pathways.)</p>	4 6 . 5 4 5 0 0 9 9	1.0	None
<p>Carpentry I (Y) is designed to teach students the basics of framing with common and engineering lumber. The student will learn to identify, rate, select, and use proper materials in constructing floor and wall systems and related components including proper sub flooring and sheathing materials. (This is the 3rd course in the “Carpentry Pathway.”)</p>	4 6 . 5 5 0 0 0 9 9	1.0	Occ Safety & Fundmntls and Intro to Construction
<p>Carpentry II (Y) is designed to allow students to properly identify and use materials and methods for constructing various roof systems and installing various windows and doors. (This is the 4th course in the “Carpentry Pathway.”)</p>	4 6 . 5 5 1 0 0 9 9	1.0	Carpentry I
<p>Masonry I (Y) is designed to provide students with skills required to work safely on the masonry job site and to enable them to use mathematics to correctly figure distances, areas, and volumes for masonry construction work. Topics include basic techniques for laying brick and block and for using mortar to bond masonry units and patterns. (This is the 3rd course in the “Masonry Pathway.”)</p>	4 6 . 5 7 0 0 0 9 9	1.0	Occ Safety & Fundmntls and Intro to Construction
<p>Masonry II (Y) covers construction techniques for residential and small structure foundations, steps, patios, decks, chimneys, and fireplaces. (This is the 4th course in the “Masonry Pathway.”)</p>	4 6 . 5 7 1 0 0 9 9	1.0	Masonry I

Broadcast Media Production

Course Name/Description	Course Number	Credit	Prerequisite
Broadcast & Video Production I (Y) will develop skills in basic theory, practice, and operations of a television studio, the portable camera, and videotape editing. Students will demonstrate knowledge of how video/film affects life and society through problem-solving activities, projects, and discussions. (This is the 1st course in the “Broadcast Media Pathway.”)	1 0 . 5 1 1 1 0 9 9	1.0	None
Broadcast & Video Production II (Y) will enhance level-one skills by providing more in-depth and specialized experiences in video and film equipment operation. (This is the 2nd course in the “Broadcast Media Pathway.”)	1 0 . 5 1 2 1 0 9 9	1.0	Broadcast & Video Production I And Teacher Rec
Broadcast & Video Production III (Y) enhances level-two skills and provides entry-level occupational skills. (This is the 3rd course in the “Broadcast Media Pathway.”)	1 0 . 5 1 3 1 0 9 9	1.0	Broadcast & Video Production II And Teacher Rec
Broadcast & Video Production IV (Y) enhances level-three skills and provides instruction in producing a broadcast production. Students will be able to perform at an independent level of proficiency in an area of specialization.	1 0 . 5 1 4 1 0 9 9	1.0	Broadcast & Video Production III And Teacher Rec

Marketing

Course Name/Description	Course Number	Credit	Prerequisite
Marketing Principles (Y) addresses the ways in which marketing satisfies consumer and organizational needs and wants for products and services. Students develop an understanding of basic marketing concepts to marketing, distribution and logistics, marketing information management, product/service planning, pricing mixes promotional strategies, and personal selling. (This is the 1st course within the Marketing and Management Career Pathway.)	0 8 . 4 7 4 0 0 9 9	1.0	None
Advanced Marketing (Y) builds on the principles and concepts taught in Marketing Principles. Students assume a managerial perspective in applying economic principles in marketing, analyzing operations needs, examining distribution and financial alternatives, managing marketing information, pricing products and services, developing product/service planning strategies, promoting products/services, purchasing, and professional sales. (This is the 2nd course within the Marketing and Management Career Pathway.)	0 8 . 4 7 5 0 0 9 9	1.0	Marketing Principles

Health/PE

Course Name/Description	Course Number	Credit	Prerequisite
<p>Health (semester course) provides a direct and factual approach to health education that is practical, personal, and positive. Health topics include safety, drug education, nutrition, personal health, growth and development building self-esteem and relation-ship skills. By acquiring the knowledge, attitudes, and skills necessary to a healthful life, students learn to take responsibility for their own health.</p>	1 7 . 0 1 1 0 0 9 8	½	None
<p>Personal Fitness: BPE (Semester course) is designed to help students understand why exercise and fitness are important in developing a healthy and active lifestyle. The course will emphasize successful strategies for maintaining good cardiovascular endurance, flexibility, muscular strength, muscular endurance and body composition. It will follow a conceptual approach dealing with: the nature of fitness, assessing individual fitness, developing and maintaining a life-long fitness program, and developing an appreciation for efficient movement by viewing it as both an art and a science.</p>	3 6 . 0 5 1 0 0 9 8	½	None
<p>Introductory Team Sports (Y) is designed to introduce students to three different team sports, with no one sport less than 4 weeks or longer than 8 weeks. Those from which the selection is made include the following: basketball, gym hockey, soccer, speedball, flag football, ultimate Frisbee, team handball, softball, and volleyball. This course will offer students the opportunity to learn the history, rules and regulations, etiquette, strategy and judgment, and the basic motor skills of each selected activity.</p>	3 6 . 0 2 1 0 0 9 9	1.0	None
<p>Intermediate Team Sports (Y) provides an opportunity for the students to become more proficient in team sports by advancing their level of skill, strategy and officiating.</p>	3 6 . 0 3 1 0 0 9 9	1.0	Intro Team Sports
<p>Introductory Lifetime Sports (Y) is designed to introduce students to three different lifetime sports with no one sport less than 4 weeks and not more than 8 weeks. Those from which the selection is made include the following: archery, badminton, bowling, golf, handball, pickleball, racquetball, table tennis, tennis and wall ball. This course will offer students the opportunity to learn the history, rules and regulations, etiquette, strategy and judgment, and the basic motor skills of each selected activity.</p>	3 6 . 0 2 2 0 0 9 9	1.0	None
<p>Intermediate Lifetime Sports (Y) is designed for students to refine existing skills and become more aware of the technical aspects of lifetime sports.</p>	3 6 . 0 3 2 0 0 9 9	1.0	Intro Lifetime Sports

Course Name/Description	Course Number	Credit	Prerequisite
Introductory Outdoor Education (Y) promotes an appreciation of the outdoors; provides physical activities and adventure in an outdoor laboratory. The course activities include: archery, fishing, outdoor cooking, orienteering, hiking and conservation.	3 6 . 0 2 5 0 0 9 9	1.0	None
Intermediate Outdoor Education (Y) is designed to promote a more advanced level of proficiency in the skills associated with outdoor education activities.	3 6 . 0 3 5 0 0 9 9	1.0	Intro Outdoor Sports
Introductory Aerobic Dance (Y) is designed to introduce students to a rhythmic program of activities, which promote the development of health related fitness. The course will provide a balance of instruction each week developing cardiovascular endurance, flexibility, and muscular strength and endurance. Activities may include rhythmic jogging, running, aerobic dance, slimnastics, stretching exercises, and creative movement exercises.	3 6 . 0 5 3 0 0 9 9	1.0	None
Intermediate Aerobic Dance (Y) offers continuation of activities covered in the Introductory Aerobics course. It includes the continuation of cardiovascular and muscular strength training and emphasizes diet and stress mgt.	3 6 . 0 5 7 0 0 9 9	1.0	Intro Aerobic Dance
Weight Training (Y) is designed to introduce students to a weight-training program that will promote over-all body fitness. The student will be exposed to different types of weight equipment and methods of training with weights. The student will also gain knowledge of the different types of exercises, correct techniques of executing the various exercises, proper breathing, and the safety factors involved in spotting.	3 6 . 0 5 4 0 0 9 9	1.0	None
Advanced Weight Training (Y) is designed to build on the principles and concepts taught in Weight Training to promote over-all body fitness.	3 6 . 0 6 4 0 0 9 9	1.0	Weight Training
Body Sculpting (Y) is designed to redefine the shape of the body through specific exercises in order to attain desired body image through weight training, conditioning exercises and proper nutrition. This course offers students the knowledge and skills necessary to reach their physical goal and improve their appearance and self-concept without relying on the illegal use of steroids and other body building supplements and without engaging in risky behaviors such as fad diets, pills, etc.	3 6 . 0 5 6 0 0 9 9	1.0	None
Advanced Body Sculpting (Y) is designed to build on the principles and concepts taught in Body Sculpting to attain desired body image.	3 6 . 0 6 6 0 0 9 9	1.0	Body Sculpting

Miscellaneous

Course Name/Description	Course Number	Credit	Prerequisite
Mentorship I (Y) enables students to serve as an administrative aide during one period of the daily schedule. The student will demonstrate use of clerical skills in performing administrative assistant duties under the leadership & guidance of the school's office personnel. The student also maintains a daily log of hours worked, records journal notations, and exhibits appropriate work ethic behaviors.	70.0110099	1.0	Application Required (Available in Media Center) (11th & 12th grade only)
Mentorship II (Y) enables students to serve again as an administrative aide during one period of the daily schedule. Students continue to maintain a daily log of hours worked and record journal notations.	70.0120099	1.0	Application Required (11th & 12th grade only)

Work-Based Learning Program

Seniors must meet these minimum requirements to participate in this program:

- (1) be on track to graduate
- (2) passed all portions of the Georgia High School Graduation Test
- (3) 2.50 GPA or higher
- (4) be currently employed (or by the time school begins in August)
- (5) have transportation

Course Name/Description	Course Number	Credit	Prerequisite
Internship I (Y) is a course that enables students to participate in a mentor-supervised, on-the-job training experience for career awareness and exploration. Students select a specific career field or industry's entry-level job in which to participate. The Work-based Programs Teacher-Coordinator visits the job mentor to assess student performance and supervises the student in job skill development. The student maintains a weekly journal, records weekly hours on the job, and must complete program participation forms. Student may be placed in a paid or non-paid, mentor-supervised, on-the-job training experience.	70.4210099	1.0	See Coach Hansen (Rm 1113) 12th Grade Only
Internship II (Y) is a course that enables students to participate in a mentor-supervised, on-the-job training experience for career awareness and exploration. Students select a specific career field or industry's entry-level job in which to participate. The Work-based Programs Teacher-Coordinator visits the job mentor to assess student performance and supervises the student in job skill development. The student maintains a weekly journal, records weekly hours on the job, and must complete program participation forms. Student may be placed in a paid or non-paid, mentor-supervised, on-the-job training experience.	70.4220099	1.0	See Coach Hansen (Rm 1113) 12th Grade Only