

Gainesville High School Course Descriptions *The following course descriptions encompass all courses offered at GHS. However, some courses may not have sufficient enrollment to justify instruction each semester/year.*

ENGLISH/LANGUAGE ARTS

Ninth Grade Literature/Composition Ninth Grade Literature/Composition (Honors) CIP # 23.06100 Prerequisite: Teacher recommendation for Honors **Required for students enrolling in ninth grade for the first time in 2008 or later**; core or elective credit for all other students. **EOCT will count toward final grade.** Integrates writing, grammar and usage, literature, speaking, listening, and critical thinking skills; develops understanding of both structure and meaning of a work of literature, as well as an understanding of the process of interpreting a text; develops competency in technical writing to write coherent and focused texts to convey a well-defined perspective or tightly-reasoned argument.

World Literature/Composition World Literature/Composition (Honors) CIP # 23.06300 Prerequisite: Teacher recommendation for Honors Core or elective credit Integrates writing, grammar and usage, literature, speaking, listening, and critical thinking skills; develops understanding of themes that relate literature to life, and of themes that recur in diverse works of literature. Through a study of world literature, students will develop an understanding of chronological context and the relevance of period structures in literature within cultures around the world. By the end of this course, students should be able to demonstrate competency in persuasive writing, writing coherent and focused texts that convey a well-defined perspective or tightly-reasoned argument.

American Literature/Composition American Literature/Composition (Honors) CIP # 23.05100 Prerequisite: Teacher recommendation for Honors **Required for all students** (May substitute AP English Language/Composition) **EOCT will count toward final grade** Integrates writing, grammar and usage, literature, speaking, listening, and critical thinking skills. Focusing on a study of American literature, students develop an understanding of chronological context and the relevance of period structures in American literature. By the end of this course, students should be able to demonstrate developing competency in expository and persuasive writing.

Multicultural Literature CIP # 23.06700 Prerequisite: None Core or elective credit Focusing on multicultural literature, this course integrates writing, grammar and usage, literature, speaking, listening, and critical thinking skills; develops understanding of themes that relate to life, and of themes that recur in diverse cultural contexts.

British Lit/Composition British Lit/Composition (Honors) CIP # 23.05200 Core or elective credit Integrates writing, grammar and usage, literature, speaking, listening, and critical thinking skills. Focusing on a study of British literature, students develop an understanding of chronological context and the relevance of period structures in British literature. By the end of this course, students should be able to demonstrate competency in expository writing and persuasive writing, as well as competent use of the writing process (e.g., prewriting, drafting, revising, and editing successive versions).

Advanced Composition CIP # 23.03400 Core or elective credit Prerequisite: Teacher recommendation Provides further exploration of the writing process, including planning, drafting, and revising. Emphasizes research skills and essay composition and includes expository, persuasive, narrative, and descriptive writing.

Advanced Placement (AP) Language/Composition CIP # 23.05300 Core or elective credit **May Substitute for 23.05100 American Lit/Comp** Prerequisite: Teacher recommendation Conforms to the College Board recommendations for the AP Language/Composition Exam; emphasizes 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. **Enrollment in AP includes the commitment to take the AP exam.**

Advanced Placement (AP) Literature/Composition CIP # 23.06500 Core or elective credit
Prerequisite: Teacher recommendation The course focuses on an intensive study of representative works from various literary genres and periods. The focus is on the complexity and thorough analysis of literary works. The students will explore the social and historical values that works reflect and embody. The textual detail and historical context provide the foundation for interpretation: the experience of literature, the interpretation of literature, and the evaluation of literature. Writing to evaluate a literary work involves making and explaining judgments about its artistry and exploring its underlying social and cultural values through analysis, interpretation, and argument (e.g. expository, analytical, and argumentative essays). The writers will develop stylistic maturity: strong vocabulary, sentence variety, and effective use of rhetoric to maintain voice. **Enrollment in AP includes the commitment to take the AP exam.**

JOURNALISM

Journalism I, II, III, IV CIP # 23.03200 CIP # 23.03300 CIP # 23.03500 CIP # 23.03600 Elective credit only Prerequisite: Must be taken in sequence/Interview Required Explores journalistic writing through analysis of newspapers, yearbooks, literary magazines, and broadcast journalism publications; concentrates on purpose, influence, structure, and language use through reading, writing, and critical thinking; covers news gathering, ethics, copy writing, editing, and revising; may include typesetting, circulation, and production.

ENGLISH ELECTIVES Speech/Forensics I, II, III, IV CIP # 23.04600 CIP # 23.04700 CIP # 23.04800 CIP # 23.04900 Elective credit only (0.5 credit) Prerequisite: None Introduces critical thinking and speaking through a detailed study of forensic speaking including extemporaneous speaking, oration, and interpretation of literature and debate; emphasizes classical and contemporary theory, understanding of philosophical basis of argumentative theory, and various forensic speaking formats, while applying reasoning, research and delivery skills.

CENTERPOINT

Literature and History of the Old Testament Era CIP # 23.02400 Elective credit only (0.5 credit)
Prerequisite: None *Class meets at CenterPoint* Familiarizes students with contents of the Old Testament, the history recorded by the Old Testament, the literary style and structure of the Old Testament, the customs and cultures of the peoples and societies recorded in the Old Testament, and the influence of the Old Testament upon law, history, government, literature, art, music, customs, morals, values, and culture.

Literature and History of the New Testament Era CIP # 23.02400 Elective credit only (0.5 unit)
Prerequisite: None *Class meets at CenterPoint* Familiarizes students with contents of the New Testament, the history recorded by the New Testament, the literary style and structure of the New Testament, the customs and cultures of the peoples and societies recorded in the New Testament, and the influence of the New Testament upon law, history, government, literature, art, music, customs, morals, values, and culture.

Ethics and the Law CIP # 45.05800 Elective Credit only (0.5 unit) Prerequisite: None *Class meets at CenterPoint* This elective course offers students an understanding of the basic legal components of the legal and criminal justice system in the United States. The entire course examines how the law and

ethics are related and are pursued within our legal system. *There are no QCC's or GPS's associated with this course.*

Technology and Society CIP # 45.01300 Elective Credit only (0.5 unit) Prerequisite: None *Class meets at CenterPoint* Investigates issues and societal changes that resulted in scientific and technological breakthroughs and stresses the decision-making process for these issues. Integrates and reinforces social studies skills. *There are no QCC's or GPS's associated with this course.*

Comparative Religions CIP # 45.01100 Elective Credit only (0.5 unit) Prerequisite: None *Class meets at CenterPoint* Compares major religions of the world; covers ethical-philosophical teachings, historical development, social and cultural impact on various societies and commonalities found in all religions. Integrates and reinforces social studies skills.

MATHEMATICS CCGPS

Coordinate Algebra CIP # 27.09710 *Required for students who enter ninth grade in 2012-2013.* Prerequisite: None May be taken as Part A/B per teacher recommendation **EOCT required for completion of this class.** This is the first in a sequence of four high school courses designed to ensure career and college readiness. The course represents a discrete study of algebra with correlated statistics applications and a bridge to the second course through coordinate geometric topics.

CCGPS Coordinate Algebra Support CIP # 27.09810 Elective Credit Prerequisite: None/ Teacher Recommendation Provides additional support to students enrolled in the Coordinate Algebra course and should be taken concurrently with Coordinate Algebra. This course provides extra time and utilizes a variety of strategies to help students build a stronger foundation for success in their current and future math courses.

CCGPS Accelerated Coordinate Algebra/Analytic Geometry A CIP # 27.09750 *Required for students who enter ninth grade in 2012-2013. May substitute for 27.09710* Prerequisite: Teacher Recommendation The first in a sequence of three accelerated high school courses designed to ensure career and college readiness. The course represents a discrete study of algebra with correlated statistics applications. The course also includes the discrete study of geometry analyzed by means of algebraic topics. **EOCT required for completion of this class.**

CCGPS Analytic Geometry CIP # 27.09720 *Required for students who enter ninth grade in 2012-2013.* Prerequisite: Coordinate Algebra **EOCT required for completion of this class.** The second in a sequence of four high school courses designed to ensure career and college readiness. The course also includes the discrete study of geometry analyzed by means of algebraic operations.

CCGPS Analytic Geometry Support CIP # 27.09820 Elective Credit Prerequisite: Coordinate Algebra/ Teacher Recommendation Provides additional support to students enrolled in the Analytic Geometry course and should be taken concurrently with Analytic Geometry. This course provides extra time and utilizes a variety of strategies to help students build a stronger foundation for success in their current and future math courses.

Accelerated CCGPS Analytic Geometry B/Advanced Algebra CIP # 27.09760 *Required for students who enter ninth grade in 2012-2013. May substitute for 27.09720* Prerequisite: Accelerated Coordinate Algebra/Analytic Geometry A/ Teacher Recommendation The second in a sequence of three accelerated high school courses designed to ensure career and college readiness. The course includes more advanced study of geometry analyzed by means of algebraic topics and more advanced algebra.

CCGPS Advanced Algebra CIP # 27.09730 Prerequisite: CCGPS Analytic Geometry The third in a sequence of four high school courses designed to ensure career and college readiness. The course includes more advanced algebra.

CCGPS Pre-Calculus CIP # 27.09740 Prerequisite: CCGPS Advanced Algebra or Accelerated CCGPS Analytic Geometry B/Advanced Algebra The fourth in a sequence of four high school courses designed to ensure career and college readiness.

Accelerated CCGPS Pre-Calculus CIP # 27.097700 *Required for students who enter ninth grade in 20102-2013. May substitute for 27.09740* Prerequisite: Accelerated CCGPS Analytic Geometry B/Advanced Algebra/CCGPS OR Advanced Algebra and teacher recommendation The third in a sequence of three accelerated high school courses designed to ensure career and college readiness. This course prepares the mathematically advanced student to study AP Calculus as their next math course.

Mathematics II (Geometry/Algebra II/Statistics) CIP # 27.08200 Prerequisite: Math I Core or elective credit *One of the math options for students entering ninth grade in 2008 or later* **EOCT required for completion of this class.** This is the second course in a sequence of courses designed to provide students with a rigorous program of study in mathematics. It includes complex numbers; quadratic, piecewise, and exponential functions; right triangles, and right triangular trigonometry; properties of circles; and statistical inference.

Mathematics Support II CIP # 27.04500 Core or elective credit for students entering ninth grade in 2008-2009, 2009-2010 or 2010-2011 only; elective credit for students entering ninth grade in 2011-2012 or later. Prerequisite: Teacher Recommendation Provides additional support to students in their effort to meet the standards of more rigorous and relevant mathematics courses. This course is to be taken concurrently with Math II, giving extra time and utilizing a variety of strategies to help students build a stronger foundation for success in their current and future math courses.

Accelerated Mathematics II (Advanced Algebra/Geometry/Statistics) CIP # 27.09200 *One of the math options for students entering ninth grade in 2008 or later* Core or elective credit Prerequisite: Math II/ Accelerated Math I/Teacher Recommendation **EOCT required for completion of this class.** This is the second in a sequence of math courses designed to prepare students to take AB or BC Advanced Placement (AP) Calculus. It includes right triangle trigonometry; exponential, logarithmic, and higher degree polynomial functions; matrices; linear programming; vertex-edge graphs; conic section; planes and spheres; population means, standard deviations, and normal distributions.

Mathematics III (Advanced Algebra/Statistics) CIP # 27.08300 Prerequisite: Math II Core or elective credit for students entering ninth grade in 2008-2009, 2009-2010 or 2010-2011; **required** for all students entering ninth grade in 2011-2012 or later. This is the third course in a sequence of secondary math courses designed to ensure students are college and work ready. IT requires students to analyze polynomial functions of higher degree; explore logarithmic functions; solve a variety of equations and inequalities numerically, algebraically, and graphically; use matrices and linear programming to represent and solve problems, and design and conduct experimental and observational studies.

Mathematics Support III CIP # 27.04600 Prerequisite: Teacher Recommendation Core or elective credit for students entering ninth grade in 2008-2009, 2009-2010 or 2010-2011 only; elective for students entering ninth grade in 2011-2012 or later. Provides additional support to students in their effort to meet the standards of more rigorous and relevant mathematics courses. This course is to be taken concurrently with Math III, giving extra time and utilizing a variety of strategies to help students build a stronger foundation for success in their current and future math courses.

Mathematics III/GHSGT Preparation CIP # 27.04700 Core or elective credit for students entering ninth grade in 2008 or later *May substitute for 27.08300* Prerequisite: Teacher Recommendation Designed to provide additional instructional support for students.

Accelerated Mathematics III (Pre-Calculus/Trigonometry/Statistics) CIP # 27.09300 Core or elective credit for students entering ninth grade in 2008 or later Prerequisite: Accelerated Math II This is the third in the sequence of math courses designed to prepare students to take AP Calculus AB, AP Calculus BC, and AP Statistics. It includes trigonometric functions, their graphs, and their inverses; areas of triangle using trigonometric relationships; trigonometric equations analytically and with technology; complex numbers in trigonometric form; polar equations; the Central Limit theorem; and margins of error and confidence intervals to make inferences from data.

Mathematics IV (Pre-Calculus/Trigonometry/Statistics) CIP # 27.08400 Core or elective credit for students entering ninth grade in 2008 or later Prerequisite: Math III Includes trigonometric functions, their graphs, and their inverses; areas of triangles using trigonometric relationships; trigonometric equations analytically and with technology; complex numbers in trigonometric form; polar equations, the Central Limit theorem; and margins of error and confidence intervals to make inferences from data.

Advanced Placement (AP) Calculus AB CIP # 27.07200 Core or elective credit Prerequisite: Accelerated Math I-III Follows the College Board syllabus for the AP Calculus AB exam which includes properties of functions and graphs, limits and continuity, differential and integral calculus. **Enrollment in AP includes the commitment to take the AP exam.**

Advanced Placement (AP) Calculus BC CIP # 27.07300 Core or elective credit Prerequisite: Accelerated Math I-III Conforms to the College Board topics for the AP Calculus BC exam; includes AP Calculus AB topics, as well as vector functions, parametric equations, conversions, parametrically defined curves, tangent lines, and sequence and series. **Enrollment in AP includes the commitment to take the AP exam.**

Advanced Placement (AP) Statistics CIP # 27.07400 Core or elective credit Prerequisite: Math I-III or teacher recommendation Introduces the derivation of knowledge from data and data collection. Explorations are conducted through experiments, surveys, and computer simulations. Presents applications in real-life situations and shows how statistics can be misleading. AP course follows the College Board syllabus for the AP Statistics exam. **Enrollment in AP includes the commitment to take the AP exam.**

SCIENCE

Biology I Biology I (Honors) CIP # 26.01200 CIP # 26.01200 *Required for students in ninth grade for the first time in 2008 or later.* Prerequisite: Teacher Recommendation for Honors **EOCT required for completion of this class.** Introduces science process skills and laboratory safety, research, nature of biology, cellular biology, biochemistry, genetics, evolution, classification, diversity of life, human body, and ecology.

Biology II (Honors) CIP # 26.01300 Prerequisite: Biology I Honors/ Teacher Recommendation *To be taken concurrently with AP Biology for the entire academic year. Two (2) CU will be earned upon successful completion of course requirements.* Enhances level one skills through science process skills; further develops and extends Biology I concepts.

Advanced Placement (AP) Biology CIP # 26.01400 Core or elective credit *May substitute for 26.01200* Prerequisite: Biology I *To be taken concurrently with AP Biology for the entire academic year. Two (2) CU will be earned upon successful completion of course requirements.* Conforms to the College Board topics for the AP Biology exam; covers biological chemistry, cells, energy transformations, molecular genetics, heredity, evolution, taxonomy, systematic, and Monera, Protista, fungi, plants, animals, and ecology. **Enrollment in AP includes the commitment to take the AP exam.**

Environmental Science CIP # 26.06110 Core or elective credit *Students in ninth grade for the first time in 2008 or later must take Environmental Science or Chemistry I or Earth systems* Prerequisites: none Prepares the students with the scientific principles, concepts, and the methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them.

Human Anatomy and Physiology Human Anatomy and Physiology (Honors) CIP # 26.07300 Core or elective credit Prerequisite: Teacher Recommendation for Honors **Seniors ONLY** Covers science process skills and laboratory safety, body organization, chemistry of life, cells and tissues, homeostasis, skeletal system, muscular system, nervous system, endocrine system, circulatory system, respiratory system digestive system, metabolism, urinary system, integumentary system and reproduction system.

Physical Science Physical Science (Honors) CIP # 40.01100 CIP # 40.01100 Core or elective credit *Students in ninth grade for the first time in 2008 or later must take Physical Science or Physics I* Prerequisites: Teacher recommendation for Honors **EOCT required for completion of this class** Promotes science process skills through study of properties of matter, atomic theory, chemical symbols, stoichiometry, periodic table, organic chemistry, energy, mechanics, waves and energy transfer, electricity and magnetism.

Chemistry I Chemistry I (Honors) CIP # 40.05100 Core or elective credit *Students in ninth grade for the first time in 2008 or later must take Environmental Science or Chemistry I or Earth systems* Prerequisite: Teacher Recommendation for Honors Introduces chemistry; covers science process skills, units of chemistry, atoms and collections of atoms, periodicity and bonding, compounds and reactions, characteristics of states of matter, acid/base chemistry, chemical dynamics and equilibrium, reference, research skills, and lab safety.

Chemistry II (Honors) CIP # 40.05200 Prerequisite: Chemistry I / Teacher Recommendation *To be taken concurrently with AP Chemistry for the entire academic year. Two (2) CU will be earned upon successful completion of course requirements.* Enhances level one skills; emphasizes qualitative and quantitative analysis and organic chemistry.

Advanced Placement (AP) Chemistry CIP # 40.05300 Core or elective credit Prerequisite: Chemistry I / Teacher Recommendation *To be taken concurrently with AP Chemistry for the entire academic year. Two (2) CU will be earned upon successful completion of course requirements.* Conforms to the College Board topics for the AP Chemistry exam; covers atomic theory and structure, chemical bonding, nuclear chemistry, gases, liquids, solids, solutions, types of reactions, stoichiometry, equilibrium, kinetics and thermodynamics. **Enrollment in AP includes the commitment to take the AP exam.**

Earth Systems CIP # 40.06400 Core or elective credit. *Students in ninth grade for the first time in 2008 or later must take Environmental Science or Chemistry I or Earth systems.* Prerequisite: None 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.

Physics I Physics I (Honors) CIP # 40.08100 Core or elective credit *Students in ninth grade for the first time in 2008 or later must take Environmental Science or Chemistry I or Earth systems.*

Prerequisite: Teacher recommendation for Honors Covers basic mechanics, kinetic theory, thermodynamics, wave mechanics, electricity, particle physics, and reference, research skills, lab safety, and process skills. **Physics II** CIP # 40.08200 Prerequisite: Physics I / Teacher Recommendation *To be taken concurrently with AP Physics B for the entire academic year. Two (2) CU will be earned upon successful completion of course requirements.* Enhances level one skills .

Advanced Placement (AP) Physics B CIP # 40.08300 Core or elective credit Prerequisite: Physics I /Teacher recommendation *To be taken concurrently with Physics II for the entire academic year. Two (2) CU will be earned upon successful completion of course requirements.* Conforms to the College Board topics for the AP Physics B exam; covers both classical and modern physics, including topics in mechanics, electricity and magnetism, fluid mechanics and thermal physics, wave and optics, and atomic and nuclear physics. **Enrollment in AP includes the commitment to take the AP exam.**

SOCIAL STUDIES

World History World History (Honors) CIP # 45.08300 Required for ALL students first entering ninth grade in 2008 or later; for student entering ninth grade prior to 2008, course is required for College Prep; core or elective for Tech Prep. Prerequisite: Teacher recommendation for Honors Emphasizes the political, cultural, economic and social development and growth of civilizations, covers the emergence of nations through trade/communications, intellectual development, scientific/technological development, emergence of nation states, nations in conflict and the emerging interdependence of nations in the first and twenty first centuries.

Advanced Placement (AP) World History CIP # 45.08110 Required for ALL students first entering ninth grade in 2008 or later; for student entering ninth grade prior to 2008, course is required for College Prep; core or elective for Tech Prep. *May substitute for 45.08300* Prerequisite: Teacher recommendation, *to be taken concurrently with World History for the entire academic year. Two (2) CU will be earned upon successful completion of course requirements.* Emphasizes the political, cultural, economic and social development and growth of civilizations, covers the emergence of nations through trade/communications, intellectual development, scientific/technological development, emergence of nation states, nations in conflict and the emerging interdependence of nations in the first and twenty first centuries. **Enrollment in AP includes the commitment to take the AP exam.**

United States History United States History (Honors) CIP # 45.08100 Credit: Required for ALL students Prerequisite: Teacher Recommendation for Honors **EOCT required for completion of this class** Includes discovery and settlement, Colonial Society, American Revolution, Constitution and the New Republic, Age of Jefferson, Nationalism, Sectionalism, Territorial Expansion, Civil War, Reconstruction, Industrialization, Progressive Era, World War I, Depression, New Deal, Word War II, and the Cold War.

Advanced Placement (AP) United States History CIP # 45.08200 Credit: Required for ALL students. May take the place of 45.08100 *To be taken concurrently with American Government/Civics Honors for the entire academic year. Two (2) CU will be earned upon successful completion of course requirements.* Includes discovery and settlement, Colonial Society, American Revolution, Constitution and the New Republic, Age of Jefferson, Nationalism, Sectionalism, Territorial Expansion, Civil War, Reconstruction, Industrialization, Progressive Era, World War I, Depression,

New Deal, World War II, and the Cold War. **Enrollment in AP includes the commitment to take the AP exam.**

American Government/Civics American Government/Civics (Honors) CIP # 45.05700 Credit: Required for ALL students Prerequisite: Designed for eleventh and twelfth graders/teacher recommendation for Honors Focuses on the foundation, principles and structure of the American system of government, examines the role of political parties, social factors as they relate to the role of the citizen, and analyzes the decision-making process that are a part of the system of American political behavior. This course meets the state's Citizenship requirement for graduation.

Advanced Placement (AP) Government/Politics: United States CIP # 45.05200 Core or elective credit but satisfies the American Government course requirement Prerequisite: Teacher recommendation Conforms to the College Board topics for the AP exam; includes federalism, separation of powers, influences on the formulation and adoption of the Constitution, political beliefs, political parties and elections, interest groups, institutions and policy processes and civil liberties and civil rights. **Enrollment in AP includes the commitment to take the AP exam.**

Economics, Economics (Honors) CIP # 45.06100 Credit: Required for ALL students Prerequisite: Teacher Recommendation for Honors **EOCT required for completion of this class** Focuses on the American economic system, fundamental economic concepts, comparative economic systems, microeconomics, macroeconomics and international economic interdependence.

Advanced Placement (AP) Macroeconomics CIP # 45.06200 Core or elective credit but may substitute for 45.06100 Prerequisite: Teacher recommendation **EOCT required for completion of this class** AP Macroeconomics focuses on basic economic concepts, measurement of economic performance, national income and price determination and international economics and growth. **Enrollment in AP includes the commitment to take the AP exam.**

Advanced Placement Human Geography CIP # 45.07700 Elective Credit Only Prerequisite: Teacher Recommendation This AP course introduces the student to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organizations and its environmental consequences.

SOCIAL STUDIES ELECTIVES

Advanced Placement (AP) European History CIP # 45.08400 Elective credit *To be taken concurrently with Humanities/Social Studies for the entire academic year. Two (2) CU will be earned upon successful completion of course requirements.* Prerequisite: Teacher recommendation Conforms to the College Board topics for the AP exam; covers intellectual and cultural history, political and diplomatic history and social and economic history. **Enrollment in AP includes the commitment to take the AP exam.**

Humanities/Social Studies CIP # 45.01400 Elective Credit Only *To be taken concurrently with AP European History for the entire academic year. Two (2) CU will be earned upon successful completion of course requirements.* Prerequisite: Teacher Recommendation

WORLD LANGUAGES

French I, II French III-V (Honors) CIP # 60.01100 CIP # 60.01200 CIP # 60.01300 CIP # 60.01400 CIP # 60.01500 Core or elective credit *Students planning to attend most post-secondary institution must take two units of the same world language.* Prerequisite: Courses must be taken in

sequence Teacher recommendation for Honors Presents the French language in an integrated way and emphasizes listening, speaking, reading, and writing; includes how to ask and respond to basic question, to speak and read with a range of carefully selected topics and to develop an understanding of French-speaking cultures; honors level courses emphasize the acquisition of authentic language, including recognizing the nuances, idiomatic phrases and regional differences of the language; students will learn to understand the language spoken at a normal rate and increase abilities to accurately express themselves on topics both orally and in writing to an increasingly advance level of proficiency.

Advanced Placement French/Language CIP # 60.01700 Core or Elective Credit Prerequisite: French I-III/Teacher Recommendation Emphasizes using language for active communication; stresses understanding French in various contexts to develop vocabulary sufficient for reading literary texts, and other nontechnical writing and to express oneself in speech and in writing coherently, fluently and accurately. **Enrollment in AP includes the commitment to take the AP exam.**

Spanish I, II Spanish III-V (Honors) CIP # 60.07100 CIP # 60.07200 CIP # 60.07300 CIP # 60.07400 CIP # 60.07500 Core or elective credit *Students planning to attend most post-secondary institution must take two units of the same world language.* Prerequisite: Courses must be taken in sequence Teacher recommendation for Honors Presents the Spanish language in an integrated way and emphasizes listening, speaking, reading, and writing; includes how to ask and respond to basic question, to speak and read with a range of carefully selected topics and to develop an understanding of Spanish-speaking cultures; honors level courses emphasize the acquisition of authentic language, including recognizing the nuances, idiomatic phrases and regional differences of the language; students will learn to understand the language spoken at a normal rate and increase abilities to accurately express themselves on topics both orally and in writing to an increasingly advance level of proficiency.

Spanish for Native Spanish Speakers Level I, II CIP # 60.07900 CIP # 60.07910 Core or elective credit Prerequisite: Teacher recommendation Designed for Heritage Language Learners of Spanish, this course can accommodate a wide range of Heritage language learners, from those who are minimally functional (can comprehend Spanish but are not able to speak fluently, read or write) to those who are more proficient and literate in Spanish. The recommended entrance requirement for the beginning level is at the Intermediate-Mid level of proficiency in listening comprehension on the ACTFL scale. It is not necessary that students speak at the Intermediate level prior to entering the course. This course will develop reading, writing, speaking and listening skills. The student will also develop an awareness and understanding of Hispanic cultures, such as language variations, customs, geography and current events.

Chinese I, II Chinese III-V (Honors) CIP # 62.01100 CIP # 62.01200 CIP # 62.01300 CIP # 62.01400 CIP # 62.01500 Core or elective credit *Students planning to attend most post-secondary institution must take two units of the same world language.* Prerequisite: Courses must be taken in sequence Teacher recommendation for Honors Presents the Chinese language in an integrated way and emphasizes listening, speaking, reading, and writing; includes how to ask and respond to basic question, to speak and read with a range of carefully selected topics and to develop an understanding of Chinese cultures; honors level courses emphasize the acquisition of authentic language, including recognizing the nuances, idiomatic phrases and regional differences of the language; students will learn to understand the language spoken at a normal rate and increase abilities to accurately express themselves on topics both orally and in writing to an increasingly advance level of proficiency.

Latin I, II, III, IV CIP # 61.04100 CIP # 61.04200 CIP # 61.04300 CIP # 61.04400 Core or elective credit Prerequisite: Courses must be taken in sequence Introduces students to the Latin language and

ancient Roman civilization. Emphasizes the ability to write simple Latin phrases and to understand Latin passages presented orally and in writing. The more advanced courses enhance skills in Latin and provides for increased levels of proficiency in all skill areas. Emphasizes a deeper understanding of Latin culture through advance reading and advanced level topics and composition.

Advanced Placement Latin: Vergil CIP # 61.04700 Core or elective Credit Prerequisite: Latin I-III/ Teacher Recommendation Conforms to the College Board topics for the AP exam; it is designed to provide advanced high school students with a rich and rigorous Latin course. At the end of the course, you will be able to read, understand, translate, and analyze Latin poetry and prose. **Enrollment in AP includes the commitment to take the AP exam.**

THEATER ARTS PATHWAY

Theater Arts Fundamentals I CIP # 52.02100 Core or elective credit (0.5) Prerequisite: None Develops and applies performance strategies of basic vocal, physical and emotional exercises in scene study, while including improvisation, musical theater and technical art forms.

Theater Arts Musical Theater I, II, III, IV CIP # 52.03100 CIP # 52.03200 CIP # 52.03300 CIP # 52.03400 Core or elective credit (0.5) Prerequisite: Theater Arts/Fundamentals I **AND** Audition This is a performance class and culminates in a musical theater performance for the community at the end of the nine weeks.

Theater Arts Acting I, II, III CIP # 52.06100 CIP # 52.06200 CIP # 52.06300 Core or elective credit Prerequisite: Theater Arts/Fundamentals I **AND** Audition This is a performance class and culminates in a performance of a play for the community at the end of the nine weeks.

MUSIC PATHWAY

Beginning Instrumental Music I, II CIP #: 53.0361 CIP #: 53.0362 Core or elective credit (0.5) Prerequisite: Courses must be taken in sequence Opportunities to develop performance skills on wind or percussion instrument; emphasizes performance and production, analysis, historical and cultural influences, improvisation and appreciation of music.

Beginning Band I, II CIP #: 53.0361 CIP #: 53.0362 Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence Credit Type: L1; Core or elective credit opportunities to develop performance skills on wind or percussion instrument; emphasizes performance and production, analysis, historical and cultural influences, improvisation and appreciation of music.

Advanced Band IV CIP # 53.038400 Core or Elective Credit Prerequisite: Director recommendation is required. Advanced Band IV builds on the skills and methodology learned and developed in the previous course of study.

CHORUS Beginning Chorus I CIP #: 54.02110 Credit Type: Core or elective credit Prerequisite: None Provides opportunities to develop performance skills and knowledge in ensemble singing; may include choral literature from any style period; covers analysis and theoretical studies, historical and cultural influences, and creative aspects of music.

Beginning Chorus II CIP # 54.02120 Credit Type: Core or elective credit Prerequisite: **By Audition Only** Provides opportunities to develop performance skills and knowledge in ensemble singing; may

include choral literature from any style period; covers analysis and theoretical studies, historical and cultural influences, and creative aspects of music.

Advanced Chorus I, II CIP #: 54.024200 CIP #: 54.024200 Credit Type: Core or elective credit
Prerequisite: **By Audition Only** Includes madrigal, notes, quartet and solo literature of all style periods; covers performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music and appreciation of music.

Beginning Women's Chorus I, II CIP # 54.024100 CIP # 54.024200 Core or Elective Credit
Prerequisite: **By Audition Only** Provides opportunities for young women to develop performance skills and knowledge 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. Stresses self-paced progress and group experiences.

Music Appreciation CIP #: 53.01400 Prerequisite: None Core or elective credit (0.5) Introduces production and performance; covers terminology and idioms, elements of music, perceptive listening and attitudes and appreciation; stresses the ability to become a literate consumer and the ability to speak and write about music.

VISUAL ARTS PATHWAY

Visual Arts/Advanced Placement (AP) Studio: Drawing CIP #: 50.0811 Core or elective credit
Prerequisite: Teacher recommendation Provides experiences using different drawing media and approaches; designed for the student interested in the practical experiences of art. **Enrollment in AP includes the commitment to take the AP exam.**

Advanced Placement (AP) Studio Art: 2-D Design Portfolio CIP #: 50.0813 Core or elective credit
Prerequisite: Teacher recommendation addresses a broad interpretation of two-dimensional design issues, including how to use the elements of design, including line, shape, illusion of space, illusion of motion, pattern and texture, and value and color. The principles of design help guide artists in making decisions about how to organize the elements on a picture plane in order to communicate content. These principles include unity/variety, balance/emphasis/rhythm, and proportional /scale. **Enrollment in AP includes the commitment to take the AP exam.**

Advanced Placement (AP) Studio Art: 3-D Design Portfolio CIP #: 50.0814 Core or elective credit
Prerequisite: Teacher recommendation addresses a broad interpretation of sculptural issues in depth and space, including mass, volume, form, plane, light, and texture. Such elements and concepts can be articulated through additive, subtractive, and/or fabrication processes. A variety of approaches to representation, abstraction, and expression may be part of the student's portfolio, including traditional sculpture, architectural models, apparel, ceramics, fiber arts, or metalwork. **Enrollment in AP includes the commitment to take the AP exam.**

Advanced Placement (AP) Studio Art: 3-D Design Portfolio CIP #: 50.0814 Core or elective credit
Prerequisite: Teacher recommendation addresses a broad interpretation of sculptural issues in depth and space, including mass, volume, form, plane, light, and texture. Such elements and concepts can be articulated through additive, subtractive, and/or fabrication processes. A variety of approaches to representation, abstraction, and expression may be part of the student's portfolio, including traditional sculpture, architectural models, apparel, ceramics, fiber arts, or metalwork. **Enrollment in AP includes the commitment to take the AP exam.**

Visual Arts Comprehensive I, II CIP #: 50.0211 CIP #: 50.0212 Core or elective credit Prerequisite: None Introduces art history, art criticism, aesthetic judgment and studio production; emphasizes the ability to use elements and principles of design through a variety of media, processes and visual resources; explores master artworks for historical and cultural significance. Year II emphasizes knowledge and application of design elements. Explores different two- and three-dimensional art media and processes.

Drawing I, II CIP # 50.03110 CIP # 50.03120 Core or Elective Credit Prerequisite: Visual Arts Comprehensive I Explores a variety of drawing techniques and media; emphasizes developing basic drawing skills and critical analysis skills for responding to master drawings. Examines solutions to drawing problems through student drawings and those of other artists. Covers Western and non-Western cultures. The second course enhances level-one skills in technique and provides further exploration of drawing media; reinforces basic drawing skills and critical analysis skills for responding to master drawings of different historical styles and periods. Examines solutions to drawing problems through student drawings and those of other artists.

HEALTH and PHYSICAL EDUCATION REQUIRED FOR GRADUATION

Health CIP # 17.01100 Required for ALL students Prerequisite: None Explores the mental, physical, and social aspects of life and how each contributes to total health and well-being; emphasizes safety, nutrition, mental health, substance abuse and prevention, disease prevention environmental health, family life education, consumer health, health career and community health. Students will be able to earn their ADAC card required by state law to obtain their driving learner's permit.

Personal Fitness CIP # 36.05100 Required for ALL students Prerequisite: None Focuses on developing a lifetime fitness program based on a personal fitness assessment and stresses strength, muscular endurance, flexibility, body composition and cardiovascular endurance. Includes fitness principles, nutrition, fad diets, weight control, stress management, adherence strategies and consumer information; promotes self-awareness and responsibility for fitness.

DRIVER'S ED & PHYSICAL EDUCATION Driver's Education CIP # 17.01400 Elective Credit Only (0.5) Prerequisite: Must have valid Learner's Permit Basics of driving with "hands on" experience. Basic car care and rules of the road.

Body Sculpting Advanced Body Sculpting CIP # 36.05600 CIP # 36.06600 Elective credit only Prerequisite: Courses must be taken in sequence provides methods to redefine body shape through specific exercises. Covers weight training, conditioning exercises and proper nutrition to improve muscle tone, muscle definition, posture, bodily proportions, overall condition of the body and increase energy levels. Based on the American College of Sports Medicine guidelines for fitness and conditioning programs.

Physical Conditioning for Females Advanced Physical Conditioning for Females CIP # 36.05200 CIP # 36.06200 Elective credit only Enhances flexibility, muscular strength and endurance, cardiovascular endurance and body composition. Includes fitness concepts for the development of health lifetime habits. Advanced course enhances cardiovascular endurance, flexibility, muscular strength and endurance and body composition; emphasizes self-management and adherence strategies. This class for females only.

Recreational Games (Introductory) Recreational Games (Intermediate) CIP # 36.02700 CIP # 36.03700 Elective credit only Prerequisite: Course must be taken in sequence Introduces recreational games suitable for lifetime leisure activities; may include table tennis, shuffleboard, frisbee, deck

tennis, new games, horseshoes, darts and croquet. Emphasizes the rules of each game and the skills necessary to play.

Outdoor Education (Introductory) Outdoor Education (Intermediate) CIP # 36.02500 CIP # 36.03500 Elective credit only Prerequisite: Course must be taken in sequence The introductory course promotes an appreciation of the outdoors; provides physical activities and adventures in an outdoor laboratory. Covers camping, fishing, hiking, orienteering, backpacking, repelling, outdoor cooking, boating safety, hunter safety, riflery and archery. The intermediate course enhances skills and appreciation for camping, fishing, hiking, orienteering, backpacking, repelling, outdoor cooking, boating safety, hunter safety, riflery and archery.

Weight Training Advanced Weight Training CIP # 36.05400 CIP # 36.06400 Elective credit only Prerequisite: PE department approval for Advanced Weight Training Introduces weight training; emphasizes strength development training and proper lifting techniques. Includes fitness concepts for developing healthy lifetime habits.

General Physical Education I-IV CIP # 36.01100 CIP # 36.01200 CIP # 36.01300 CIP # 36.01400 Elective credit only Prerequisite: counselor approval required Provides basic methods to attain a healthy and active lifestyle through any combination of team sports, lifetime sports, tack and field events, outdoor education experiences, and recreational games.

Adaptive Physical Education I-IV CIP # 36.07100 CIP # 36.07200 CIP # 36.07300 CIP # 36.074 Elective credit only Prerequisite: IEP required Provided for students with Individualized Education Programs (IEPS) and in lieu of general physical education courses. Focuses on any combination or variety of team sports, lifetime sports, individual sports or other activities relating to development of physical and motoric fitness or the appreciation of various athletic/sporting activities or events. Activities may include track and field events, aquatics/water sports, outdoor education experiences, rhythmic/dance, recreational games, gymnastics and/or self-defense. Provides basic methods to maintain healthy and active lifestyle.

ELL Communication Skills I, II CIP # 55.02100 CIP # 55.02200 Elective credit only Prerequisite: Special placement for limited English speaking students determined through language proficiency testing emphasizes basic academic and survival skills needed for success in entering the American high school program, including basic skills in reading, vocabulary, grammar, listening, speaking, social and instructional language; while instruction is delivered in English, students' first language may be used as a scaffolding technique to assist in language acquisition.

Oral Communication in the Content Areas CIP # 55.02400 Elective credit only Prerequisite: Special placement for limited English speaking students determined through language proficiency testing This course focuses on communicating effectively with a variety of audiences using academic language which is needed to be successful in the content areas. This includes further development of critical thinking skills and organization of ideas.

Reading and Listening in the Content Areas CIP # 55.02300 Elective credit only Prerequisite: Special placement for limited English speaking students determined through language proficiency testing This course provides intensive instruction in English as a second language; focuses on the development of reading skills necessary to promote continual language acquisition; offers vocabulary practice and reinforcement of auditory comprehension with an emphasis on reading in the content areas.

Writing in the Content Areas CIP #: 55.02500 Prerequisite: Special placement for limited English speaking students determined through language proficiency testing Credit Type: Elective credit only

Provides intensive instruction in English as a second language, with opportunities to improve writing proficiency with an emphasis in the content areas; emphasizes writing as a process with instruction in grammar, mechanics usage, and imaginative expression.

Communication Skills in Math CIP #: 55.02110 Prerequisite: Special placement for limited English speaking students determined through language proficiency testing Credit Type: Elective credit only This course supports and enhances literacy and listening skills necessary for success in the mathematics content areas; particular emphasis is on vocabulary, speaking, listening and reading skills in mathematics.

Academic Language of Science and Math CIP #: 55.02700 Prerequisite: Special placement for limited English speaking students determined through language proficiency testing Credit Type: Elective credit only Teaches students with interrupted or limited formal schooling to decode specialized vocabulary, symbols and text in science and math; includes listening and comprehending lectures, and speaking with correct scientific and mathematical terminology.

Communication Skills in Science CIP #: 55.02120 Prerequisite: Special placement for limited English speaking students determined through language proficiency testing Credit Type: Elective credit only This course supports and enhances literacy and listening skills necessary for success in the science content areas; particular emphasis is on vocabulary, speaking, listening and reading skills in science.

Reading and Writing in Science CIP #: 55.02600 Prerequisite: Special placement for limited English speaking students determined through language proficiency testing Credit Type: Elective credit only This course supports and enhances reading and writing skills in science and provides students with strategies for reading and comprehending scientific texts.

Academic Language of Science and Math CIP #: 55.02700 Prerequisite: Special placement for limited English speaking students determined through language proficiency testing Credit Type: L1; Elective credit only This course supports and teaching students with interrupted or limited formal schooling to decode the specialized vocabulary, symbols and text in science and mathematics.

Communication Skills in Social Studies CIP #: 55.02130 Prerequisite: Special placement for limited English speaking students determined through language proficiency testing Credit Type: Elective credit only This course supports and enhances literacy and listening skills necessary for success in the social studies content areas; particular emphasis is on vocabulary, speaking, listening and reading skills in social studies.

Reading and Writing in Social Studies CIP #: 55.02610 Prerequisite: Special placement for limited English speaking students determined through language proficiency testing Credit Type: Elective credit only This course focuses on reading and writing in social studies and provides students with interrupted or limited formal schooling the basic skills and background preparation needed for success in social studies.

ARCHITECTURAL, DRAWING & DESIGN CAREER PATHWAY

Introduction to Engineering, Drawing & Design CIP # 48.54100 Core or Elective Credit Prerequisite: None Introduces the engineering drawing and design field, and is a pre-requisite to all other courses in the Engineering Design and Drawing program. Emphasis is placed on safety, the correct use of tools and equipment, drafting media, sketching, lettering, alphabet of lines, geometric construction, and fundamentals of CAD and multi-view drawings. Students learn traditional drafting

techniques through the study of geometric construction at which time they are introduced to computer aided drafting and design.

Architectural Drawing & Design I, II CIP #: 48.545 CIP #: 48.546 Prerequisite: Introduction to Engineering, Drawing & Design; Courses must be taken in sequence Credit Type: Core or elective credit Introduces the basic terminology, concepts, and principles of Architectural Design. Emphasis is placed on house designs, floor plans, roof designs, elevations (interior and exterior), sections and details and foundations. Year II emphasis is placed on schedules, plumbing, heating and air, graphic presentations, plot/site plans, specifications, and building estimations.

ENGINEERING, GRAPH & DESIGN CAREER PATHWAY

Introduction to Engineering, Drawing & Design CIP # 48.54100 Core or Elective Credit Prerequisite: None Introduces the engineering drawing and design field, and is a pre-requisite to all other courses in the Engineering Design and Drawing program. Emphasis is placed on safety, the correct use of tools and equipment, drafting media, sketching, lettering, alphabet of lines, geometric construction, and fundamentals of CAD and multi-view drawings. Students learn traditional drafting techniques through the study of geometric construction at which time they are introduced to computer aided drafting and design.

Survey of Engineering Graphics (formerly Engineering Concepts & Drawing) CIP #: 48.542 Core or elective credit Prerequisite: Introduction to Engineering, Drawing & Design Enhances the student's knowledge and skills in the engineering drawing and design field. The student learns to illustrate more complex objects using the Computer-Aided Drafting (CAD) system and develop skills in dimensioning, tolerancing, pictorials, sections, auxiliary views, and intersection and developments. While the term computer-aided design (CAD) does not appear in each competency, CAD tools and software are used extensively throughout the course.

3D Modeling & Analysis (formerly Solid Modeling & Design) CIP #: 48.543 Core or Elective Credit Prerequisite: Introduction to Engineering, Drawing & Design Focuses on engineering and related mechanical drafting areas that provide more in-depth study of mechanical design. Emphasis is placed on 3-D drawings, wireframes, rendering, solid modeling, and graphic presentations. The student who successfully completes this and other drafting courses should be prepared to take the Drafter Certification Examination from the American Design Drafting Association (ADDA) and should qualify for advanced standing in drafting and design programs in Georgia's technical colleges.

CONSTRUCTION PATHWAY

Occupational Safety & Fundamentals CIP #: 46.545 Prerequisite: None Credit Type: Core or elective credit Develops basic knowledge to function safely on or around a construction site and in the industry in general and is the foundational course that prepares students for a pursuit of any career in the field of construction. Course includes: basic content of OSHA standards, construction math, hand and power tools used in the field, general blueprints and basics of rigging safety.

Introduction to Carpentry CIP #: 46.54600 Prerequisite: Occupational Safety & Fundamentals Credit Type: Core or elective credit Students will build on their knowledge and skills developed in Occupational Safety and will be introduced to the history and traditions of the carpentry, masonry, plumbing and electrical craft trades. Course will also include knowledge of the care and safe use of hand and power tools and the differentiation between blueprints as related to each individual craft area.

Carpentry I CIP #: 46.550 Core or Elective credit Prerequisite: Introduction to Construction Provides an overview of the building materials used in the carpentry craft. It teaches techniques for reading and using blueprints and specifications especially as related to the carpentry craft. Includes specific knowledge and skills in site layout floor and wall framing systems. Also includes the basic industry terminology for a carpentry craftsman.

Carpentry II CIP #: 46.551 Core or elective credit Prerequisite: Carpentry I Description: Course includes knowledge and skills in: various kinds of roof systems; layout and cutting types of roof rafters; installing exterior doors and windows; and code requirements of building a house. Students will gain on-site experience in the craft trade areas of building a residential house.

Construction Internship CIP # 46.54700 Core or Elective Credit Prerequisite: 3 of the above construction courses/Teacher Approval This course is available to pathway completers.

Architecture & Construction Work-Based Learning (WBL) Placement CIP #: 47.7114 CIP #: 47.7114 CIP #: 47.7124 CIP #: 47.7124 CIP #: 47.7214 CIP #: 47.7214 CIP #: 47.7224 CIP #: 47.7224 Core or elective credit Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendation; age 16 or older; junior or senior; able to provide own transportation; & concurrently enrolled in a CTAE course or previously taken a CTAE course Students will develop transferable employability skills; an awareness of the culture of the workplace; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student employee; understanding of the workplace and self awareness of related career interests; identification of specific work tasks that will develop workplace competency and portfolio development.

SMALL BUSINESS DEVELOPMENT PATHWAY

Business Essentials CIP # 06.41600 Core or Elective Credit Prerequisite: None Builds a strong knowledge base and develops management skills as they study forms of business ownership, functions of management, budgeting and finance, technology, communications, legislation, leadership and teamwork, marketing, and economics.

Legal Environment of Business CIP #: 06.4150 Core or Elective Credit Prerequisite: Business Essentials Concentrates on the legal aspects of business ownership and management. Legal issues will include contracts, sales, consumer law, agency and employment law, personal and real property, risk management, environmental law, and government effects on business. The impact of ethics on business operations and international business principles will also be studied.

Business Ventures CIP #: 06.41700 Core or Elective Credit Prerequisite: Business Essentials Concentrates on the management skills necessary for successful business operation; developing and implementing business plans; structuring and financing the organization; managing information, operations, marketing and human resources.

ADMINISTRATIVE/INFORMATION SUPPORT PATHWAY

Computer Applications 1 CIP #: 07.4411 Prerequisite: None Credit Type: L1; Core or elective credit Provides an introduction to computer technology, decision-making, productivity, communications, and problem-solving skills. Areas of instruction include computer applications and integration of

word processing, desktop publishing, spreadsheet, database, and presentation software as well as use of emerging technologies.

Computer Applications 2 CIP #: 07.4412 Prerequisite: Computer Applications 1 Credit Type: L1; Core or elective credit Provides students with opportunities to enhance their computer technology, decision-making, productivity, communications, and problem solving skills. Areas of instruction include advanced computer applications and integration of word processing, desktop publishing, spreadsheet, database, and presentation software, as well as the use of emerging technologies.

YEARBOOK Interview Required

Computer Applications 1 CIP #: 07.4411 Prerequisite: **Interview Required** Core or elective credit provides an introduction to computer technology, decision-making, productivity, communications, and problem-solving skills. Areas of instruction include computer applications and integration of word processing, desktop publishing, spreadsheet, database, and presentation software as well as use of emerging technologies.

Computer Applications 2 CIP #: 07.4412 Prerequisite: **Interview Required/** Computer Applications 1 Core or elective credit Provides students with opportunities to enhance their computer technology, decision-making, productivity, communications, and problem solving skills. Areas of instruction include advanced computer applications and integration of word processing, desktop publishing, spreadsheet, database, and presentation software, as well as the use of emerging technologies.

Business Communication and Presentation CIP # 07.48300 Core or Elective Credit Prerequisite: **Interview Required/** Computer Application I and II See Donna Miller for more information

Communications for Business CIP # 07.48410 Core or Elective Credit Prerequisite: **Interview Required/** Computer Application I and II See Donna Miller for more information

Business Procedures CIP # 07.46210 Core or Elective Credit Prerequisite: **Interview Required/** Computer Application I and II

Business, Management & Administration Work-Based Learning (WBL) Placement CIP #: 07.7114 CIP #: 07.7114 CIP #: 07.7124 CIP #: 07.7124 CIP #: 07.7214 CIP #: 07.7214 CIP #: 07.7224 CIP #: 07.7224 Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendation; age 16 or older; junior or senior; able to provide own transportation; & concurrently enrolled in a CTAE course or previously taken a CTAE course Credit Type: L1; Core or elective credit Students will develop transferable employability skills; an awareness of the culture of the workplace; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student employee; understanding of the workplace and self awareness of related career interests; identification of specific work tasks that will develop workplace competency and portfolio development.

BROADCAST/VIDEO PATHWAY

Broadcasting/Video Production I - IV CIP #: 10.5111 CIP #: 10.5121 CIP #: 10.5131 CIP #: 10.5141 Core or elective credit Prerequisite: Courses must be taken in sequence Integrates recent trends in the study of mass communications; develops skills in basic theory, practice, and operations of a television studio, the portable camera, and videotape editing; how video/film affects life and society are demonstrated. Year II provides more in-depth and specialized experiences in Planning, Writing, Directing and Editing a Production; Field Equipment Functions; Operational Set-Up and

Maintenance; Advanced Editing Operations; Studio Productions; Performance; Audio/Video Control Systems; Production Graphics; Career Opportunities; and Professional Ethics. Year III is designed to facilitate student-led broadcasts/videos.

Arts, A/V Technology & Communications Work-Based Learning (WBL) Placement CIP #:

10.7114 CIP #: 10.7114 CIP #: 10.7124 CIP #: 10.7124 CIP #: 10.7214 CIP #: 10.7214 CIP #:

10.7224 CIP #: 10.7224 Prerequisite: Approval by Work-based Learning Coordinator; teacher

recommendation; age 16 or older; junior or senior; able to provide own transportation; & concurrently

enrolled in a CTAE course or previously taken a CTAE course Credit Type: L1; Core or elective

credit Description: Students will develop employability skills, awareness of the workplace culture, &

master predetermined learning objectives identified with a training plan between the employer and

student employee; understanding of the workplace and self awareness of related career interests;

identification of specific work tasks that will develop workplace competency and portfolio

development.

TEACHING AS A PROFESSION PATHWAY

Examining the Teaching Profession CIP #: 13.011 Core or Elective credit Prerequisite: Must be in

grades 10-12 Assist in preparing students for the field of teaching; students study, apply, and use

current technologies, effective teaching and learning strategies, create an effective learning

environment, create instructional opportunities for diverse learners and students with special needs,

and plan instruction based on knowledge of subject matter, students, community, and curriculum.

Contemporary Issues in Education CIP #: 13.012 Core or Elective credit Prerequisite: Examining

the Teaching Profession Engages the candidate in observations, interactions, and analyses of critical

and contemporary educational issues. The candidate will investigate issues influencing the social and

political contexts of educational settings in Georgia and the United States and actively examine the

teaching profession from multiple vantage points both within and outside of the school.

Teaching as a Profession Internship CIP #: 13.521 Core or Elective credit Prerequisite: Examining

the Teaching Profession Field experience under the direct supervision of a certified teacher (mentor

teacher); stresses observing, analyzing, and classifying activities of the mentor teacher; plan and teach

a lesson or lessons, understand and practice confidentiality as it pertains to the teaching profession,

maintain the safety of the students and practice professionalism and ethical behavior.

EARLY CHILDHOOD EDUCATION PATHWAY

Human Growth & Development for Early Childhood CIP #: 20.42320 Core or elective credit

Prerequisite: None Addresses knowledge, skills, attitudes, and behaviors associated with promoting

optimal growth and development of infants and children. Topics include principles of physical,

emotional, social, cognitive, and moral development; human needs across the ages and stages of

childhood; impacts of family and societal crisis on the development of the child; and career decisions.

Introduction to Early Childhood Care and Education CIP #: 20.5251 Core or elective credit

Prerequisite: Human Growth & Development for Early Childhood Addresses early childhood care,

education and development issues that guide physical, cognitive, creative, social, emotional, and

moral development of children; includes planning and guiding developmentally appropriate practices

for working with young children including career paths, principles and theories of child development,

creation of developmentally appropriate learning environment, collaborative relationships &

guidance, lesson planning, and response to cultural diversity & students with special needs.

Health, Safety and Nutrition for the Young Child CIP #: 20.5261 Core or elective credit

Prerequisite: Human Growth & Development for Early Childhood Introduces the theory, practices and requirements for establishing and maintaining a safe, healthy learning environment. Topics addressed: professional issues and work ethics; developmentally appropriate practices; health, safety and nutrition education; certification in CPR/First Aid/Fire Safety; child abuse and neglect; symptoms and prevention of major childhood illnesses and diseases; and prevention and control of communicable illnesses.

Education & Training Work-Based Learning (WBL) Placement CIP #: 13.7114 CIP #: 13.7114

CIP #: 13.7124 CIP #: 13.7124 CIP #: 13.7214 CIP #: 13.7214 CIP #: 13.7224 CIP #: 13.7224 Core or elective credit Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendation; age 16 or older; junior or senior; able to provide own transportation; & concurrently enrolled in a CTAE course or previously taken a CTAE course students will develop transferable employability skills; an awareness of the culture of the workplace; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student employee; understanding of the workplace and self awareness of related career interests; identification of specific work tasks that will develop workplace competency and portfolio development.

NJROTC NAVAL SCIENCE PATHWAY

Naval Science CIP #: 28.02100 (Cadet Field Manual) CIP #: 28.02200 (Introduction to NJROTC)

CIP #: 28.02300 (Maritime History) CIP #: 28.02400 (Nautical Science) CIP #: 28.02500 (Naval

Knowledge) CIP #: 28.02600 (Naval Orientation & Skills) CIP #: 28.02700 (Naval Leadership &

Ethics) CIP #: 28.02800 (Effective Communications) Core or elective credit Prerequisite: None BUT

Cadet Field Manual is the introductory course Cadet Field Manual combines information about military drill & ceremonies, uniform regulations, physical fitness, survival, leadership, & communications, and helps the student understand the mission, goals, and opportunities for the program. Introduction to NJROTC focuses on the understanding of our nation, our values, traditions, heritage, respect for our laws, and becoming responsible citizens. Maritime History further develops the traits of citizenship & leadership in students; introduces cadets to the maritime history of the world & the United States from the American Revolution through the present time. Nautical Science introduces the various nautical sciences. Naval Knowledge expounds upon the virtues of the United States citizenship with knowledge of the world's waterways through the viewpoint of National power & International law. Naval Orientation & Skills furthers the foundation in citizenship and leadership and provides application in Naval & Ship Organization. Naval Leadership & Ethics take a more in-depth look at how to maximize leadership abilities. Effective Communications focuses on the most important skills that a good leader must develop in order to be successful.

THERAPEUTIC SERVICES: MEDICAL PATHWAY

Introduction to Healthcare Science CIP #: 25.521 Core or elective credit; **course satisfies the fourth science requirement for students entering ninth grade in 2008 and later, but is NOT recognized as a fourth science by the Board of Regents; may not meet college entrance requirements.**

Prerequisite: None Enables students to receive initial exposure to Healthcare Science skills and attitudes applicable to the healthcare industry. The concepts of health, wellness, and preventative care are evaluated, as well as, ethical and legal responsibilities of today's healthcare provider. Fundamental healthcare skills development is initiated including medical terminology, microbiology, and basic life support; serves as a prerequisite for all other Health Science courses.

Application of Therapeutic Services CIP #: 25.522 Core or elective credit; **course satisfies the fourth science requirement for students entering ninth grade in 2008 and later, but is NOT**

recognized as a fourth science by the Board of Regents; may not meet college entrance requirements. Prerequisite: Introduction to Healthcare Science Designed to provide a framework of basic skills utilized in the provision of direct client care. Monitoring and evaluating client status includes assessment techniques such as vital signs and the application of mathematical concepts appropriate to clinical expectations. The function and fundamental pathophysiology of each body system is evaluated prior to community first aid and basic life support techniques which are expandable to include rescue skills for infants and children.

General Medicine CIP #: 25.525 Core or elective credit Prerequisite: Introduction to Healthcare Science Develops working knowledge of major departments of a typical acute care setting, including orthopedics, cardiology, diagnostic imaging, surgery, gastroenterology, urology and customer care services.

Medical Services Internship CIP # 25.52600 Core or Elective credit Prerequisite: 3 of the above courses; Teacher approval This course is available to pathway completers.

Health Science Technology Work-Based Learning (WBL) Placement CIP #: 25.7114 CIP #: 25.7114 CIP #: 25.7124 CIP #: 25.7124 CIP #: 25.7214 CIP #: 25.7214 CIP #: 25.7224 CIP #: 25.7224 Core or elective credit Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendation; age 16 or older; junior or senior; able to provide own transportation; & concurrently enrolled in a CTAE course or previously taken a CTAE course Students develop transferable employability skills, awareness of the culture of the workplace, mastery of a set of learning objectives identified with a training plan between employer and student employee; understanding of the workplace and self awareness of related career interests; identification of specific work tasks that will develop workplace competency and portfolio development.

NUTRITION AND FOOD SCIENCE PATHWAY

Food, Nutrition & Wellness CIP # 20.41610 Core or elective credit Prerequisite: None An essential course in understanding nutritional needs and food choices and develops a knowledge base and the skills necessary to select among alternatives in the marketplace, with an emphasis on nutrient content, the development of chronic diseases, and food safety.

Food & Nutrition through the Lifespan CIP # 20.41700 Prerequisite: Food, Nutrition & Wellness Credit Type: L1; Core or elective credit; **course satisfies the fourth science requirement for students entering ninth grade in 2008 and later.** Addresses the variation in nutritional needs at specific stages of the human life cycle: lactation, infancy, childhood, adolescence, and adulthood including old age. Offers students a pathway into dietetics, consumer foods, and nutrition science careers.

Food Science CIP # 20.418100 Core or elective credit; **course satisfies the fourth science requirement for students entering ninth grade in 2008 and later.** Prerequisite: Food & Nutrition through the Lifespan Evaluate the effects of processing, preparation, and storage on the quality, safety, wholesomeness, and nutritive value of foods in an applied context, exposing students to the wonders of the scientific world.

Human Services Work-Based Learning (WBL) Placement CIP #: 20.7114 CIP #: 20.7114 CIP #: 20.7124 CIP #: 20.7124 CIP #: 20.7214 CIP #: 20.7214 CIP #: 20.7224 CIP #: 20.7224 Core or elective credit Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendation; age 16 or older; junior or senior; able to provide own transportation; & concurrently enrolled in a CTAE course or previously taken a CTAE course Students develop transferable employability skills,

awareness of the culture of the workplace, mastery of a set of learning objectives identified with a training plan between employer and student employee; understanding of the workplace and self awareness of related career interests; identification of specific work tasks that will develop workplace competency and portfolio development.

MARKETING AND MANAGEMENT PATHWAY

Marketing Principles CIP #: 08.47400 Core or elective credit Prerequisite: None Foundational course which addresses all the ways in which marketing satisfies consumer and business needs and wants for products and services. Students develop an understanding of the functions of marketing and how these functional areas affect all businesses, and develop skills in applying basic economic concepts to marketing, distribution and logistics, marketing informational management, finance in marketing, product/service planning, pricing mixes, promotional strategies, and personal selling.

Entrepreneurship: Building a Business CIP #: 08.436 Core or elective credit Prerequisite: Marketing Principles Emphasizes starting a business based on a recognized business opportunity, and operating and maintaining that business; preparation of a business plan allows students to apply accounting, finance, marketing, and management to the planned business, and to the legal and economic environments in which a new venture operates.

Advanced Marketing CIP #: 08.47500 Core or elective credit Prerequisite: Marketing Principles 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 and services, purchasing, and professional sales. Course also deals with global marketing in that students analyze marketing strategies employed in the U.S. versus those employed in other countries.

Marketing, Sales & Service Work-Based Learning (WBL) Placement CIP #: 08.7114 CIP #: 08.7114 CIP #: 08.7124 CIP #: 08.7124 CIP #: 08.7214 CIP #: 08.7214 CIP #: 08.7224 CIP #: 08.7224 Core or elective credit Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendation; age 16 or older; junior or senior; able to provide own transportation; & concurrently enrolled in a CTAE course or previously taken a CTAE course Students will develop transferable employability skills; an awareness of the culture of the workplace; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student employee; understanding of the workplace and self awareness of related career interests; identification of specific work tasks that will develop workplace competency and portfolio development.

ENGINEERING AND TECHNOLOGY MANUFACTURING PATHWAY

Foundations of Manufacturing and Materials CIP # 21.44100 Core or elective credit Prerequisite: None Foundations of Manufacturing and Materials Science is the introductory course for the Manufacturing career pathway. This course provides students with opportunities to become familiar with related careers and develop fundamental technological literacy as they learn about the history, systems, and processes of manufacturing. In addition, the course will provide an overview of the safe use of tools and equipment used in the industry.

Robotics and Automated Systems CIP # 21.44500 Core or elective credit Prerequisite: Foundations of Manufacturing and Materials Upon completing this course, students will be able to apply their knowledge of computer aided design (CAD), computer numerical control (CNC), robotics, computer

assisted manufacturing (CAM), programmable logic controllers, automated guided vehicles (AGV), and computer integrated manufacturing (CIM).

Production Enterprises CIP # 21.44400 Core or elective credit Prerequisite: Foundations of Manufacturing and Materials The purpose of this course is to give students an understanding of how to design and implement a production system. Students learn how businesses engage in the production of products beginning with pre-production activities and continuing through post-production activities. Additionally, students will learn about the historical and societal impact of production. Students will also develop an understanding of careers available in manufacturing and the skills and education required for those careers

Manufacturing Internship CIP # 21.45800 Core or elective credit Prerequisite: Foundations of Manufacturing and Materials This course is designed to allow students to experience the workplace through an internship opportunity. Throughout the internship, the student will gain interpersonal skills, demonstrate work ethics, and work with various industrial processes including design and fabrication related to the field of manufacturing.

CAREER EXPLORATION Coordinated Career Academic Education CIP #: 32.41400 CIP #: 32.41500 CIP #: 32.41600 Core or Elective Credit Prerequisite: None/Teacher Recommendation Coordinated Career Academic Education (CCAIE) and Project Success (PS) are support services designed for students from special populations as identified in the federal Carl D. Perkins legislation. Through participation in a CCAIE and/or PS program, students learn about the world of work. These support services provide opportunities for students to sharpen their academic and employability skills. Students develop confidence, maturity, and self-esteem through meeting academic challenges, completing projects, and participating in a Career and Technical Student Organization. Students who receive CCAIE support services participate in the Georgia Career Student Association (GCSA), which is specifically designed for students from special populations. Students are also encouraged to participate in the career and technical student organization most closely aligned with their program of study. Membership in GCSA helps students become well rounded and enables them to recognize and develop their leadership abilities. By participating in school and community projects and GCSA competitive events, members learn to plan, organize, and implement—qualities essential in leadership. CCAIE Level I includes the basic services offered by CCAIE/PS: safety, academic achievement, career technical student organizations, self assessment, career pathways, career readiness, and employment performance.

Tools for College Success CIP #: 35.06700 Prerequisite: Approval of the school Instructional Coordinator Credit Type: L1; Elective credit Description: Focuses on a detailed analysis of the written text and communicating effectively (oral and written expression) through writing and speaking in a variety of styles and situations. Students will have an opportunity to go deeper with the topics in their IB classes and helps to build the research and writing skills necessary for the IB Extended Essay. Additionally, this course will focus on the test-taking skills, study skills and time management necessary for the success of an IB student both in high school and in college.

High School Transition CIP #: 35.06800 Prerequisite: Approval of the school Instructional Coordinator Credit Type: L1; Elective credit Description: Focuses on strategies to improve success at the secondary and post-secondary levels including note taking, test taking, time-management, problem solving, decision-making, active-listening, goal-setting, organizational skills, study habits, learning styles and learning strategies. Reading and writing with a focus on higher-order thinking will also be emphasized along with goal-setting and the development of self-advocacy skills that support a successful secondary career alongside a seamless transition to the post-secondary setting.

SAT/ACT Preparation CIP # 35.00660 Elective Credit Only Prerequisite: None Focuses on preparing students to take the Critical Reading, Mathematics, and Writing portions of the SAT/ACT
Study Skills CIP # 35.86100 CIP # 35.86200 CIP # 35.86300 CIP # 35.86400 Elective Credit Only Prerequisite: IEP and Teacher Recommendation

DIRECTED STUDY

Directed Study I, II, III, IV CIP # 70.03100 CIP # 70.03200 CIP # 70.03300 CIP # 70.03400 Directed Studies allow students to learn academic content and skills that are far more advanced than those that can be offered for a larger group of students on a high school campus. In addition to the applicable GPS standards, individualized learning objectives of the directed study are developed jointly by the student and department faculty at the high school. An individual student contract is reviewed and approved (if acceptable) by a district wide committee. The student contract must include specific learning goals and objectives, a plan for achieving the objectives, and the criteria by which the student's performance will be evaluated. **This course requires teacher recommendation.**

Song Writing CIP # 53.07800 This is a project-oriented course during which students will work collaboratively with experts from Brenau University to create and perform original compositions. **This course requires teacher recommendation and has limited enrollment.**