

WHEELER HIGH SCHOOL



2015-16 COURSE OFFERINGS CATALOG

WHEELER HIGH SCHOOL

PLEASE NOTE:

QP=QUALITY POINT

Team Taught courses, (T), have the same content but are team taught with a special education teacher to make adjustments in methodology and/or management.

ENGLISH

COURSE #	COURSE/DESCRIPTION	GRADE	CREDIT	PREREQUISITE
23.0828011	READ 180: Ninth or tenth grade English elective course designed for students who need to improve their reading skills. Students will focus on reading, including comprehension and writing skills.	9	1 UNIT	Teacher Recommendation Or Test Scores/Screen
23.08300	Basic Reading/Writing I: This course provides fundamental skills development in the five strands of the GPS courses: Reading and Literature, Reading Across the Curriculum, Writing, Conventions, and Listening, Speaking, and Viewing. The setup is a language lab setting; the class includes drill and practice opportunities in reading comprehension, vocabulary development, reading opportunities, writing (according to the GPS literary and writing genres associated with students' English course), speaking, and critical thinking.	9-10	1 Unit	Teacher Recommendation Or Test Scores/Screen
35.06600	Scholastic Assessment Test (SAT) Preparation: Focuses on preparing students to take the Critical Reading, Mathematics, and Writing portions of the SAT	11	1 Unit	Successful Completion of both 10 th Lit and 10 th Math Classes
23.0520003 Y 23.0520000 A 23.0520001 B	HONORS ENGLISH LIT/COMP Y (BRITISH LIT): This course is an accelerated college-prep class designed for the student who has a serious interest in interpreting literature. Written critical analysis of literature is a major component of this course. Students will study selected British writers and works from the Anglo-Saxon Age through the modern period. Grammar, vocabulary, reading, speaking, listening, and research will also be included in this semester's work.	10	1 UNIT A & B .5 Units Each .5 QP	Teacher Recommendation & 9 th Lit. HONORS
23.0620011 23.9620015 (T)	TENTH GRADE LIT/COMP Y: This course is designed for the college-bound student. It will include the study of mythology with emphasis on Greek and Roman. Drama, poetry, non-fiction, and the novel will also be studied. Composition will be integrated into the study of the literature. Various types of essays and their development will be covered. Literary terms, vocabulary, and grammar concepts will be incorporated into the curriculum; additionally, the development of speaking and listening skills will be included.	10	1 UNIT	9 th Grade Lit/Comp

COURSE #	COURSE/DESCRIPTION	GRADE	CREDIT	PREREQUISITE
23.0510003	HONORS AMERICAN LIT/COMP Y: This is an accelerated college- prep class which emphasizes careful reading and interpretation of literary selections. The course will survey American works and authors from the new land through contemporary society and will prepare the student for specific writing experiences such as exposition, analysis of literature, and literary criticism as well as provide speaking and listening opportunities, vocabulary development, research skills, and test-taking strategies.	11	1 UNIT .5 QP	Teacher Recommendation HONORS BRIT. LIT
23.0510011 23.9510015 (T)	AMERICAN LIT/COMP Y: This course is designed for the college-bound students and will survey American works and authors from the new land through contemporary society. This course will prepare the student for specific writing experiences such as exposition, analysis of literature, and literary criticism as well as provide speaking and listening opportunities, vocabulary development, research skills, and test-taking strategies.	11	1 UNIT	9th Grade Lit/Comp & Tenth Grade Lit.
23.0630003 Honors	HONORS WORLD LIT/COMP Y: This course will survey representative selections from those writers/cultures (excluding British and American) of Sumerian, Egyptian, and Hebrew literature through literature of the contemporary world and prepare the student for specific writing experiences such as literary analysis and exposition. Literary terms, vocabulary study, composition techniques, and parallel reading will be incorporated. An emphasis will be placed on reading, writing, speaking, and research elements corresponding to Georgia Performance Standards. Students will thematically study, analyze, interpret, and critique various genres of literature and other media based on the historical and cultural context of the author and his/her culture. Formal writing will include a research paper which will be connected to the approved Senior Project topic.	12	1 UNIT .5 QP	American Lit/Comp & Honors Amer. Lit/Comp.
23.0520011 23.9520015(T)	SENIOR BRIT. LIT/COMP Y: This course will survey British works and authors from the Anglo-Saxon age through the Contemporary age and prepare the college-bound student for specific writing experiences such as exposition, analysis of literature, and literary criticism. Structure and style will vary from informal to formal writing and will include a research paper which will be connected to the approved Senior Project topic. Literary terms, vocabulary study, composition techniques, speaking and listening activities, and parallel readings will be incorporated.	12	1 UNIT	American Lit/Comp
23.0670099	MULTICULTURAL LIT/COMP Y: This course focuses on works by and about people of diverse ethnic backgrounds (African, African-American, Native American, Asian, Hispanic/Latin). It stresses exploring themes of linguistic and cultural diversity and developing critical thinking skills through class discussion and oral and written presentations. Structure and style will vary from informal to formal writing and will include a research paper which will be connected to the approved Senior Project topic.	12	1 UNIT	American Lit/Comp

COURSE #	COURSE/DESCRIPTION	GRADE	CREDIT	PREREQUISITE
23.0530095 (Offered as alternating block with US History or another A/B Course)	AP LANGUAGE/AM LIT HONORS Y: This is a rigorous college-level course that emphasizes critical thinking, reading, and writing through the study and discussion of expository, analytical, and argumentative non-fiction. Each semester is designed as an accelerated and enriching experience in analytical and critical thinking. Students are required to read eight books in a semester class. Much of the required reading is individual homework and the student will be required to read multiple chapters and complete multiple assignments PER NIGHT. In addition, there is an in-class, handwritten AP-type essay EACH WEEK. AP Language/Comp is a rigorous, College Board approved and endorsed college-level class that pre-supposes the student is proficient in composition. It is geared to the student who aspires to take the AP exam.	11	1 UNIT 1 QP	Teacher Recommendation and HONORS BRIT. LIT.
23.0650095 (Offered as a full block and as alternating Block)	AP LIT/COMP Y: Advanced Placement Literature and Composition 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. Students will be required to read from 5-8 challenging novels in a semester class. Much of the required reading is individual homework, and the student will be required to read multiple chapters PER NIGHT. In addition, there is at least one in-class, handwritten AP-type essay per week. AP Literature/Comp is a rigorous College Board approved and endorsed college-level class. It also pre-supposes that a student is proficient in composition. It is geared to the student who aspires to take the AP exam.	12	1 UNIT 1 QP	Teacher Recommendation AM. LIT HONORS

ESOL (English to Speakers of other Languages)

COURSE #	COURSE/DESCRIPTION	GRADE	CREDIT	PREREQUISITE
23.0610099	ESOL NINTH GRADE LIT/COMP Y: This course is designed for the college-bound student. The semester will have a balance of composition, grammar, and literature. The development of vocabulary, speaking, listening, and research skills will be included.	9	1 UNIT	ESOL Status and Teacher Recommendation
23.0620099	ESOL TENTH GRADE LIT/COMP Y: This course is designed for the college-bound student. It will include the study of mythology with emphasis on Greek and Roman. Drama, poetry, non-fiction, and the novel will also be studied. Composition will be integrated into the study of the literature. Various types of essays and their development will be covered. Literary terms, vocabulary, and grammar concepts will be incorporated into the curriculum; additionally, the development of speaking and listening skills will be included.	10	1 UNIT	9 th Grade Lit & ESOL Status
23.0510099	ESOL AMERICAN LIT/COMP Y: This course is designed for the college-bound students and will survey American works and authors from the new land through contemporary society. This course will prepare the student for specific writing experiences such as exposition, analysis of literature, and literary criticism as well as provide speaking and listening opportunities, vocabulary development, research skills, and test-taking strategies.	11	1 UNIT	9th Grade Lit Tenth Grade Lit & ESOL Status
23.0630099	ESOL WORLD LIT/COMP Y: This course will survey representative selections from those writers/cultures (excluding British and American) of Sumerian, Egyptian, and Hebrew literature through literature of the contemporary world and prepare the student for specific writing experiences such as literary analysis and exposition. Literary terms, vocabulary study, composition techniques, and parallel reading will be incorporated. As Honors the pace of this course will move faster with more depth.	12	1 UNIT	American Lit/Comp & ESOL Status

COURSE #	COURSE/DESCRIPTION	GRADE	CREDIT	PREREQUISITE
27.0971099	<p>ESOL CCGPS COORDINATE ALGEBRA: This is the first course in the sequence of secondary mathematics courses designed to ensure that students are college and work ready. The fundamental purpose of Coordinate Algebra is to formalize and extend the mathematics that students learned in the middle grades. The critical areas, organized into units, deepen and extend understanding of linear relationships, in part by contrasting them with exponential phenomena, and in part by applying linear models to data that exhibit a linear trend. Coordinate Algebra uses algebra to deepen and extend understanding of geometric knowledge from prior grades. The final unit in the course ties together the algebraic and geometric ideas studied. The Mathematical Practice Standards apply throughout the course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.</p>	9	1 UNIT	<p>MATH 8 Teacher Recommendation & ESOL Status</p>
27.0981099	<p>ESOL CCGPS COORDINATE ALGEBRA SUPPORT: The purpose of the Math Support course is to address the needs of students who have traditionally struggled in mathematics by providing the additional time and attention that they need in order to successfully complete their regular grade-level mathematics course without failing. Math support is an elective class and is taught concurrently with a student's regular Coordinate Algebra course.</p>	9	1 UNIT	<p>Teacher Recommendation & ESOL Status</p>
27.0972099	<p>ESL CCGPS ANALYTIC GEOMETRY: This is the second course in the sequence of secondary mathematics courses designed to ensure that students are college and work ready. The focus of Analytic Geometry on the coordinate plane is organized into 6 critical areas. Transformations on the coordinate plane provide opportunities for the formal study of congruence and similarity. The study of similarity leads to an understanding of right triangle trigonometry and connects to quadratics through Pythagorean relationships. The study of circles uses similarity and congruence to develop basic theorems relating circles and lines. The need for extending the set of rational numbers arises and real and complex numbers are introduced so that all quadratic equations can be solved. Quadratic expressions, equations, and functions are developed; comparing their characteristics and behavior to those of linear and exponential relationships from Coordinate Algebra. Circles return with their quadratic algebraic representations on the coordinate plane. The link between probability and data is explored through conditional probability. The Mathematical Practice Standards apply throughout the course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.</p>	10-12	1 UNIT	<p>CCGPS COORDINATE Algebra Teacher Recommendation & ESOL Status</p>

COURSE #	COURSE/DESCRIPTION	GRADE	CREDIT	PREREQUISITE
27.0982099	ESL CCGPS ANALYTIC GEOMETRY SUPPORT: The purpose of the Math Support course is to address the needs of students who have traditionally struggled in mathematics by providing the additional time and attention that they need in order to successfully complete their regular grade-level mathematics course without failing. Math support is an elective class and is taught concurrently with a student’s regular Analytic Geometry course.	10-12	1 UNIT	CCGPS COORDINATE Algebra Teacher Recommendation & ESOL Status
27.0973099	ESL CCGPS ADVANCED ALGEBRA: This is the third course in the sequence of secondary mathematics courses designed to ensure that students are college and work ready. It is in Advanced Algebra that students pull together and apply the accumulation of learning that they have from their previous courses, with content grouped into six critical areas, organized into units. They apply methods from probability and statistics to draw inferences and conclusions from data. Students expand their repertoire of functions to include polynomial, rational, and radical functions. They expand their study of right triangle trigonometry to model periodic phenomena. And, finally, students bring together all of their experience with functions and geometry to create models and solve contextual problems. The Mathematical Practice Standards apply throughout the course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.	10-12	1 UNIT	CCGPS ANALYTIC GEOMETRY, Teacher Recommendation & ESOL status
27.0983099	ESL CCGPS ADVANCED ALGEBRA SUPPORT: The purpose of the Math Support course is to address the needs of students who have traditionally struggled in mathematics by providing the additional time and attention that they need in order to successfully complete their regular grade-level mathematics course without failing. Math support is an elective class and is taught concurrently with a student’s regular Analytic Geometry course.	10-12	1 UNIT	CCGPS ANALYTIC GEOMETRY, Teacher Recommendation & ESOL status

COURSE #	COURSE/DESCRIPTION	GRADE	CREDIT	PREREQUISITE
27.09740011	<p>ESOL CCGPS PRE-CALCULUS: Pre-Calculus focuses on standards to prepare students for a more intense study of mathematics. The critical areas organized in seven units delve deeper into content from previous courses. The study of circles and parabolas is extended to include other conics such as ellipses and hyperbolas. Trigonometric functions are further developed to include inverses, general triangles, and identities. Matrices provide an organizational structure in which to represent and solve complex problems. Students expand the concepts of complex numbers and the coordinate plane to represent and operate upon vectors. Probability rounds out the course using counting methods, including their use in making and evaluating decisions.</p>	10-12	1 UNIT	CCGPS Advanced Algebra or Accelerated CCGPS Analytic Geometry B/Advanced Algebra or Honors CCGPS Advanced Algebra & ESOL Status
27.0850011 (Y)	<p>ESOL ADVANCED MATHEMATICAL DECISION MAKING: This 4th year math course option is intended for students attending a 4-yr. university for a non-STEM major. The course will give students further experiences with statistical information and summaries, methods of designing and conducting statistical studies, an opportunity to analyze various voting processes, modeling of data, basic financial decisions, and use network models for making informed decisions. It requires students to:</p> <ul style="list-style-type: none"> • extend the understanding of proportional reasoning, ratios, rates, and percents by applying them to various settings to include business, media, and consumerism; • use vectors and matrices to organize and describe problem situations; • use a variety of network models to organize data in quantitative situations, make informed decisions, and solve problems; • create and analyze mathematical models to make decisions related to earning, investing, spending, and borrowing money; • analyze and evaluate the mathematics behind various methods of voting and selection; • create and use two- and three-dimensional representations of authentic situations; • solve geometric problems involving inaccessible distances using basic trigonometric principles, including the Law of Sines and the Law of Cosines; • determine probability and expected value to inform everyday decision making; • build the skills and vocabulary necessary to analyze and critique reported statistical information, summaries, and graphical displays; • apply statistical methods to design, conduct, and analyze statistical studies; • use functions to model problem situations in both discrete and continuous relationships 	9-12	1 UNIT	GPS or CCGPS Advanced Algebra and Teacher Recommendation & ESOL Status
26.0611099	<p>ESOL ENVIRONMENTAL SCIENCE: This course is designed as an integrated and global approach to science and technology. The concepts in this course focus on the links between living things, their surroundings, and the total environment of the planet. The scientific principles and related technology will assist the student in understanding the relationships between local, national, and global environmental issues, get involved, and care for one's self and the environment.</p>	9	1 UNIT	ESOL Status

COURSE #	COURSE/DESCRIPTION	GRADE	CREDIT	PREREQUISITE
26.0120099	ESOL BIOLOGY Y: Biology includes the study of cell structures and processes, basic organic chemistry, genetics, and basic classification of organisms and a general survey of micro-organisms. Emphasis is placed on laboratory investigations and scientific inquiry.	9 - 11	1 UNIT	Env. Science and ESOL Status
40.0810099	ESOL PHYSICS I Y: This course introduces the relationships among speed, acceleration, and displacement. Vectors are used to make inferences about motion and forces. Work, conservation of energy and momentum are explained. The nature of heat, waves, sound and light are explored. The relationship of electricity and magnetism is described.	11	1 UNIT	CCGPS COORDINATE ALGEBRA 1 Unit of Science & ESOL Status
40.0510099	ESOL CHEMISTRY IY: Chemistry I is designed to introduce the student to how chemical principles and concepts are developed from observations and data, to understand and apply ordinary chemical and other scientific phenomena which he/she encounters in everyday activities, and to assist the student in appreciating the role of the chemist and the chemical industry in the evolution of our present day highly technological society. Emphasis is placed on experiments yielding data that when analyzed and interpreted, reveal important relationships such as trends and regularities, which can be used as a basis for developing unifying principles and concepts.	12	1 UNIT	CCGPS COORDINATE ALGEBRA 1 Unit of Science & ESOL Status
45.0711099	ESOL WORLD GEOGRAPHY: World Geography provides an overview of physical and cultural geography. An awareness of similarities and differences in human needs and behaviors is developed. Geographic education focuses on the themes of Location on Earth's surface, Place Characteristics, Relationships within places (Human Environments), Movement, and Regions that lead to an understanding of social, economic, historic, geographical, and physical features of the planet on which we live.	9	1 UNIT	ESOL Status

COURSE #	COURSE/DESCRIPTION	GRADE	CREDIT	PREREQUISITE
45.0810099	ESOL U.S. HISTORY: United States History 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.	11-12	1 UNIT	World History & ESOL Status
45.0610098	ESOL PRINCIPLES OF ECONOMICS: This 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 and fiscal policies, and international trade.	12	.5 UNIT	World History, U.S. History & ESOL Status
45.0570098	ESOL AMERICAN GOVERNMENT: This 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. Also, the functions of our executive, legislative, and judicial branches of government will be studied.	12	.5 UNIT	World History, U.S. History & ESOL Status
35.0640027	ESOL STUDY SKILLS: GHS GT PREP: This course focuses on information and strategies that will help ELLs develop an understanding of the skills required to be successful on the Georgia High School Graduation Tests.	10-12	1 UNIT	ESOL Status
55.0250099	WRITING IN THE CONTENT AREA: This course focuses on writing across the standards of English Language Arts, science, mathematics, and social studies. The domains of reading, listening and speaking are integral to the writing process, both actively and critically. The content addresses all five WIDA Standards.	9-10	1 UNIT	ESOL Status

COURSE #	COURSE/DESCRIPTION	GRADE	CREDIT	PREREQUISITE
23.0840099	CURRENT TOPICS READING II (ESOL): This course focuses on reading across the standards of English language arts, science, mathematics, and social studies. The domains of reading, listening and speaking are integral to the writing process, both actively and critically. The content addresses all five WIDA Standards.	10-12	1 UNIT 1 UNIT	ESOL Status
55.0210099	IEL: COMMUNICATION SKILLS I: This course will focus on the acquisition of social and instructional language across the four language domains as prescribed in WIDA Standard 1. The suggested proficiency level of the student is PL 1-2. This course is to be offered in conjunction with IELI: Reading and listening in the Content Area.	9 - 12	1 UNIT	IEL Status
55.0230099	IEL: READING AND LISTENING IN THE CONTENT AREA: This course supports and enhances literacy and listening skills necessary for success in the content areas. Guiding the course are the five basic WIDA Standards with particular emphasis on reading and listening skills in language areas, science, social studies and mathematics. The suggested proficiency level is PL 1-03. This course is to be offered in conjunction with IEL I: Communications Skills I.	9 - 12	1 UNIT	IEL Status
55.0211099	ESOL COMMUNICATION SKILLS: MATH: This course focuses on information and strategies that will help ELLs develop an understanding of the skills required to be successful in Math.	9 - 12	1 UNIT	IEL or ESOL Status
55.0220099	IEL II: COMMUNICATION SKILLS II: This course is an expansion of Communication Skills I with the inclusion of some content language, particularly the discipline of English language arts. The five WIDA Standards serve as its basis with emphasis on proficiency in Standard 2 regarding the communication of information, ideas and concepts necessary for academic success in the content area of language arts. The suggested proficiency level of the student is PL 1-2. This course is to be paired with IEL II: Oral Communication in the Content Area.	9 - 12	1 UNIT	IEL Status

COURSE #	COURSE/DESCRIPTION	GRADE	CREDIT	PREREQUISITE
55.0240099	IEL II: ORAL COMMUNICATION IN THE CONTENT AREAS: This course supports and enhances listening and speaking skills in the content areas and references the five basic WIDA Standards with emphasis on the listening and speaking skills in the content areas. The suggested proficiency level of the student is PL 1-3. This course is to be offered in conjunction with IEL II: Communications Skills II.	9 - 12	1 UNIT	IEL Status
55.0212099	ESOL COMMUNICATION SKILLS: SCIENCE: This course focuses on information and strategies that will help ELLs develop an understanding of the skills required to be successful in Science.	9-12	1 UNIT	IEL or ESOL Status
55.0213099	ESOL COMMUNICATION SKILLS: SOCIAL STUDIES: This course focuses on information and strategies that will help ELLs develop an understanding of the skills required to be successful in Social Studies.	9-12	1 UNIT	IEL or ESOL Status

MATHEMATICS

COURSE #	COURSE/DESCRIPTION	GRADE	CREDIT	PREREQUISITE
27.0971011 (Y) 27.9971015 (T) 27.0971099 (ESL)	<p>CCGPS COORDINATE ALGEBRA: This is the first course in the sequence of secondary mathematics courses designed to ensure that students are college and work ready. The fundamental purpose of Coordinate Algebra is to formalize and extend the mathematics that students learned in the middle grades. The critical areas deepen and extend understanding of linear relationships, in part by contrasting them with exponential phenomena, and in part by applying linear models to data that exhibit a linear trend. Coordinate Algebra uses algebra to deepen and extend understanding of geometric knowledge from prior grades. The Mathematical Practice Standards apply throughout the course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations. The six units of study include Relationships Between Quantities, Reasoning with Equations and Inequalities, Linear and Exponential Functions, Describing Data, Transformations in the Coordinate Plane and Connecting Algebra and Geometry Through Coordinates.</p>	9	1 UNIT	MATH 8 and Teacher Recommendation
27.0981011 (Y) 27.9981015 (T) 27.0981099 (ESL)	<p>CCGPS COORDINATE ALGEBRA SUPPORT: The purpose of the Math Support course is to address the needs of students who have traditionally struggled in mathematics by providing the additional time and attention that they need in order to successfully complete their regular grade-level mathematics course without failing. Math support is an elective class and may either be taught concurrently with a student's regular Coordinate Algebra course or in the semester before the student's regular Coordinate Algebra course.</p>	9	1 UNIT (elective)	MATH 8 and Teacher Recommendation
27.0972011 (Y) 27.9972015 (T) 27.0972099 (ESL)	<p>CCGPS ANALYTIC GEOMETRY: This is the second course in the sequence of secondary mathematics courses designed to ensure that students are college and work ready. The focus of Analytic Geometry on the coordinate plane is organized into 6 critical areas. Transformations on the coordinate plane provide opportunities for the formal study of congruence and similarity. The study of similarity leads to an understanding of right triangle trigonometry and connects to quadratics through Pythagorean relationships. The study of circles uses similarity and congruence to develop basic theorems relating circles and lines. The need for extending the set of rational numbers arises and real and complex numbers are introduced so that all quadratic equations can be solved. Quadratic expressions, equations, and functions are developed comparing their characteristics and behavior to those of linear and exponential relationships from Coordinate Algebra. Circles return with their quadratic algebraic representations on the coordinate plane. The link between probability and data is explored through conditional probability. The Mathematical Practice Standards apply throughout the course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.</p>	10-12	1 UNIT	CCGPS COORDINATE ALGEBRA and Teacher Recommendation

COURSE #	COURSE/DESCRIPTION	GRADE	CREDIT	PREREQUISITE
27.0982011 (Y) 27.99802015 (T) 27.0982099 (ESL)	CCGPS ANALYTIC GEOMETRY SUPPORT: The purpose of the Math Support course is to address the needs of students who have traditionally struggled in mathematics by providing the additional time and attention that they need in order to successfully complete their regular grade-level mathematics course without failing. Math support is an elective class and may either be taught concurrently with a student's regular Analytic Geometry course or in the semester before the student's Analytic Geometry course,	10-12	1 UNIT (elective)	CCGPS COORDINATE ALGEBRA and Teacher Recommendation
27.0972003	CCGPS HONORS ANALYTIC GEOMETRY: This is the second course in the sequence of secondary mathematics courses designed to ensure that students are college and work ready. The Honors level is taught with greater depth and rigor than CCGPS Analytic Geometry and is designed to ensure that students are prepared to take higher level mathematics courses during their high school career, including Advanced Placement Calculus AB, Advanced Placement Calculus BC, and Advanced Placement Statistics. The topics include all of the standards in CCGPS Analytic Geometry plus additional topics that include statements of logic, special lines and points of concurrency in triangles, exterior and interior angles in polygons, and comparing theoretical and experimental probability.	9-10	1 UNIT ,5 QP	CCGPS COORDINATE ALGEBRA and Teacher Recommendation
27.0973011(Y) 27.9973015 (T) 27.0973099 (ESL)	CCGPS ADVANCED ALGEBRA: This is the third course in the sequence of secondary mathematics courses designed to ensure that students are college and work ready. It is in Advanced Algebra that students pull together and apply the accumulation of learning that they have from their previous courses, with content grouped into six critical areas, organized into units. They apply methods from probability and statistics to draw inferences and conclusions from data. Students expand their repertoire of functions to include polynomial, rational, and radical functions. They expand their study of right triangle trigonometry to model periodic phenomena. And, finally, students bring together all of their experience with functions and geometry to create models and solve contextual problems. The Mathematical Practice Standards apply throughout the course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.	10-12	1 UNIT	CCGPS ANALYTIC GEOMETRY and Teacher Recommendation
27.0983011 (Y) 27.9983015 (T) 27.0983099 (ESL)	CCGPS ADVANCED ALGEBRA SUPPORT: The purpose of the Math Support course is to address the needs of students who have traditionally struggled in mathematics by providing the additional time and attention that they need in order to successfully complete their regular grade-level mathematics course without failing. Math support is an elective class and is taught concurrently with a student's regular Advanced Algebra course.	10-12	1 UNIT (elective)	CCGPS ANALYTIC GEOMETRY and Teacher Recommendation

COURSE #	COURSE/DESCRIPTION	GRADE	CREDIT	PREREQUISITE
27.0973003 (Y)	<p>CCGPS HONORS ADVANCED ALGEBRA: This is the third course in the sequence of secondary mathematics courses designed to ensure that students are college and work ready. The Honors level is taught with greater depth and rigor than CCGPS Advanced Algebra and is designed to ensure that students are prepared to take higher level mathematics courses during their high school career, including Advanced Placement Calculus AB, Advanced Placement Calculus BC, and Advanced Placement Statistics. The topics include all of the standards in CCGPS Advanced Algebra plus additional topics that include inverse, step, piecewise, absolute value, and greatest integer functions,</p>	9-11	1 UNIT ,5 QP	CCGPS ANALYTIC GEOMETRY and Teacher Recommendation
27.0975003 (Y)	<p>ACCELERATED CCGPS COORDINATE ALGEBRA/ANALYTIC GEOMETRY A: This is the first course in the sequence of rigorous and fast-paced 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, Advanced Placement Calculus BC, and Advanced Placement Statistics. The topics include all of the standards of CCGPS Coordinate Algebra and the first three units of CCGPS Analytic Geometry. The fundamental purpose of Coordinate Algebra is to formalize and extend the mathematics that students learned in the middle grades. The critical areas, organized into units, deepen and extend understanding of linear relationships, in part by contrasting them with exponential phenomena, and in part by applying linear models to data that exhibit a linear trend. Coordinate Algebra uses algebra to deepen and extend understanding of geometric knowledge from prior grades. Units tie together the algebraic and geometric ideas studied. Transformations on the coordinate plane provide opportunities for the formal study of congruence and similarity. The study of similarity leads to an understanding of right triangle trigonometry and connects to quadratics through Pythagorean relationships. The study of circles uses similarity and congruence to develop basic theorems relating circles and lines. Students also represent and interpret data on one and two categorical variables. The Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations. <i>The focus of the course is neither manipulation nor memorization of theorems, behavior of functions, or problem types. Rather, the focus involves the ability to approach mathematical applications with concepts that are represented numerically, graphically, analytically, and verbally.</i></p>	9	1 UNIT	MATH 8 and Teacher Recommendation

COURSE #	COURSE/DESCRIPTION	GRADE	CREDIT	PREREQUISITE
27.0976003 (Y)	<p>ACCELERATED CCGPS ANALYTIC GEOMETRY B/ADVANCED ALGEBRA: This is the second course in the sequence of rigorous and fast-paced mathematics courses designed to ensure that students are prepared to take higher level mathematics courses during their high school career. The topics include last four units of CCGPS Analytic Geometry and all of the units of CCGPS Advanced Algebra. The focus of the course is organized into 10 critical areas. The need for extending the set of rational numbers arises and real and complex numbers are introduced so that all quadratic equations can be solved. Quadratic expressions, equations, and functions are developed comparing their characteristics and behavior to those of linear and exponential relationships from Coordinate Algebra. Circles return with their quadratic algebraic representations on the coordinate plane. The link between probability and data is explored through conditional probability and the application of methods from probability and statistics to draw inferences and conclusions from data. Students expand their repertoire of functions to include polynomial, rational, and radical functions and expand their study of right triangle trigonometry to model periodic phenomena. And, finally, students bring together all of their experience with functions and geometry to create models and solve contextual problems. The Mathematical Practice Standards apply throughout the course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to analyze and solve mathematical problems. <i>The focus of the course is neither manipulation nor memorization of theorems, behavior of functions, or problem types. Rather, the focus involves the ability to approach mathematical applications with concepts that are represented numerically, graphically, analytically, and verbally.</i></p>	9-10	1 UNIT .5 QP	Accelerated CCGPS Coordinate Algebra/Analytic Geometry A and Teacher Recommendation
27.09740011	<p>CCGPS PRE-CALCULUS: Pre-Calculus focuses on standards to prepare students for a more intense study of mathematics. The critical areas organized in seven units delve deeper into content from previous courses. The study of circles and parabolas is extended to include other conics such as ellipses and hyperbolas. Trigonometric functions are further developed to include inverses, general triangles, and identities. Matrices provide an organizational structure in which to represent and solve complex problems. Students expand the concepts of complex numbers and the coordinate plane to represent and operate upon vectors. Probability rounds out the course using counting methods, including their use in making and evaluating decisions.</p>	10-12	1 UNIT	CCGPS Advanced Algebra or Accelerated CCGPS Analytic Geometry B/Advanced Algebra or Honors CCGPS Advanced Algebra

COURSE #	COURSE/DESCRIPTION	GRADE	CREDIT	PREREQUISITE
27.0977003 (Y)	<p>ACCELERATED CCGPS PRE-CALCULUS: This is the third course in the sequence of rigorous and fast-paced mathematics courses designed to ensure that students are prepared to take higher level mathematics courses during their high school career. Pre-Calculus focuses on standards to prepare students for a more intense study of mathematics. The critical areas organized in seven units delve deeper into content from previous courses. The study of circles and parabolas is extended to include other conics such as ellipses and hyperbolas. Trigonometric functions are further developed to include inverses, general triangles and identities. Matrices provide an organizational structure in which to represent and solve complex problems. Students expand the concepts of complex numbers and the coordinate plane to represent and operate upon vectors. Probability rounds out the course using counting methods, including their use in making and evaluating decisions. The Mathematical Practice Standards apply throughout the course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations. <i>The focus of the course is neither manipulation nor memorization of theorems, behavior of functions, or problem types. Rather, the focus involves the ability to approach mathematical applications with concepts that are represented numerically, graphically, analytically, and verbally.</i></p>	10-11	1 UNIT .5 QP	Accelerated CCGPS Analytic Geometry B and Advanced Algebra and Teacher Recommendation
27.0850011 (Y) 27.9850015 (T)	<p>ADVANCED MATHEMATICAL DECISION MAKING: This 4th year math course option is intended for students attending a 4-yr. university for a non-STEM major. The course will give students further experiences with statistical information and summaries, methods of designing and conducting statistical studies, an opportunity to analyze various voting processes, modeling of data, basic financial decisions, and use network models for making informed decisions. It requires students to:</p> <ul style="list-style-type: none"> • extend the understanding of proportional reasoning, ratios, rates, and percents by applying them to various settings to include business, media, and consumerism; • use vectors and matrices to organize and describe problem situations; • use a variety of network models to organize data in quantitative situations, make informed decisions, and solve problems; • create and analyze mathematical models to make decisions related to earning, investing, spending, and borrowing money; • analyze and evaluate the mathematics behind various methods of voting and selection; • create and use two- and three-dimensional representations of authentic situations; • solve geometric problems involving inaccessible distances using basic trigonometric principles, including the Law of Sines and the Law of Cosines; • determine probability and expected value to inform everyday decision making; • build the skills and vocabulary necessary to analyze and critique reported statistical information, summaries, and graphical displays; • apply statistical methods to design, conduct, and analyze statistical studies; • use functions to model problem situations in both discrete and continuous relationships 	9-12	1 UNIT	GPS or CCGPS Advanced Algebra and Teacher Recommendation

COURSE #	COURSE/DESCRIPTION	GRADE	CREDIT	PREREQUISITE
27.0780003 (Y)	CCGPS CALCULUS (non-AP): This is a fourth mathematics course for students who have successfully completed Pre-Calculus, but who are not prepared for the depth and rigor of AP Calculus. The course includes algebraic relations, limits, derivatives of algebraic and transcendental functions, applications of derivatives, basic integrations, and applications and methods of integration. .	11-12	1 UNIT .5 QP	CCGPS Pre-Calculus or CCGPS Accelerated Pre-Calculus and Teacher Recommendation
27.0880011 (Y)	CCGPS STATISTICAL REASONING (non-AP): This is a fourth mathematics option for students and provides experience in statistics beyond the CCGPS sequence of courses. The course offers students opportunities to strengthen their understanding of the statistical method of inquiry and statistical simulations. Students will formulate statistical questions to be answered using data, will design and implement a plan to collect the appropriate data, will select appropriate graphical and numerical methods for data analysis, and will interpret their results to make connections with the initial question.	10-12	1 UNIT	Advanced Algebra or Accelerated Analytic Geometry B and Advanced Algebra and Teacher Recommendation
27.0740095 (Y)	AP STATISTICS: This course conforms to the Advanced Placement requirements of the College Board. The course 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. This course is designed for students who want to pursue studies or careers in the quantitative or scientific fields, or fields that rely on statistical analysis of pertinent data.	10-12	1 UNIT 1 QP	Advanced Algebra or Accelerated Analytic Geometry B and Advanced Algebra and Teacher Recommendation
27.0720095 (Y)	AP CALCULUS (AB): This course conforms to the Advanced Placement requirements of the College Board and includes algebraic relations, limits, derivatives of algebraic and transcendental functions, applications of derivatives, basic integrations, applications and methods of integration, and differential equations and slope fields. It is a rigorous College Board approved and endorsed college-level class that pre-supposes that the student is proficient in mathematics. It is geared to the student who aspires to take the AP exam and is generally equivalent to at least one semester of college calculus at most colleges and universities.	9-12	1 UNIT 1 QP	CCGPS Pre-Calculus or Accelerated Pre-Calculus and Teacher Recommendation

COURSE #	COURSE/DESCRIPTION	GRADE	CREDIT	PREREQUISITE
27.0730095 (Y)	AP CALCULUS (BC): This course conforms to the Advanced Placement requirements of the College Board and includes advanced techniques of integration, infinite series, plane curves, parametric equations, polar graphs, vector-valued functions and logistic equations. It is a rigorous College Board approved and endorsed college-level class that pre-supposes that the student is proficient in mathematics. It is geared to the student who aspires to take the AP exam and is generally equivalent to the second semester of college calculus at most colleges and universities.	9-12	1 UNIT 1 QP	AP Calculus AB (Second Semester Only)
27.3780404 (Y)	CALCULUS II: This course is offered through Georgia Institute of Technology and is taught through distance learning. Students must meet the requirements of the Calculus II course offered at Georgia Institute of Technology.	10-12	1 UNIT 1 QP	AP Calculus BC (First Semester Only)
27.3770413 (Y)	CALCULUS III: This course is also offered through Georgia Institute of Technology and is taught through distance learning. Students must meet the requirements of the Calculus III course offered at Georgia Institute of Technology.	10-12	1 UNIT 1 QP	Calculus II (Second Semester Only)
27.0770003 (Y)	MULTIVARIABLE CALCULUS: This is a fourth-year course option for students who have completed AP Calculus BC. The course includes three-dimensional coordinate geometry; matrices and determinants; eigenvalues and eigenvectors of matrices; limits and continuity of functions with two independent variables; partial differentiation; multiple integration; the gradient; the divergence; the curl; Theorems of Green, Stokes, and Gauss; line integrals; integrals independent of path; and linear first-order differential equations.	11-12	1 UNIT 1 QP	AP Calculus BC and Teacher Recommendation
27.0790095 (Y)	ADVANCED MATHEMATICAL TOPICS: This course is an introduction to Advanced Mathematical Topics. Topics, including logic and set theory, combinatorics, differential equations and mathematical proofs will be presented through an abstract approach that characterizes upper level mathematics courses. The goal is to give students the skills and techniques they will need as they study advanced mathematics at the college level. The course will look at mathematics in three areas: pure mathematics, applied mathematics, and application-oriented courses. There will be a strong focus on the presentation of mathematical ideas through both written and oral communication. This is a post-AP course designed for students who have completed the AP Calculus AB/BC curriculum. (Prerequisite: Successful completion of Multivariable Calculus or Calculus III.	11-12	1 UNIT 1 QP	Calculus III or Multivariable Calculus

COURSE #	COURSE/DESCRIPTION	GRADE	CREDIT	PREREQUISITE
27.080003 (Y)	ENGINEERING CALCULUS: This is a fourth-year course option for students who have completed AP Calculus BC. The course provides students with opportunities to develop an understanding of multivariable calculus as it applies to engineering systems, the history of engineering and its contributions to society. The course includes three-dimensional coordinate geometry; matrices and determinants; limits and continuity of functions with two independent variables; partial differentiation; multiple integration; the gradient; the divergence; the curl; Theorems of Green, Stokes, and Gauss; line integrals; integrals independent of path; and linear first-order differential equations.(Prerequisite: Successful completion of AP Calculus BC)	11-12	1 UNIT 1 QP	AP Calculus BC

SOCIAL STUDIES

COURSE #	COURSE/DESCRIPTION	GRADE	CREDIT	PREREQUISITE
45.0830003 (Honors) 45.0830011 45.9830015 (T) 45.0830099 (ESOL)	<p>WORLD HISTORY: This course 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 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. The honors level course is accelerated and designed for students interested in pursuing advanced social studies or careers in social studies.</p>	10	1 UNIT Honors .5 QP	World Geography Recommended Honors: Teacher Recommendation Required
45.0811095	<p>AP WORLD HISTORY: This course conforms to the College Board topics for advanced placement. The purpose of the course is to develop greater understanding of the evolution of global processes and contacts, interaction with different types of human societies. The course 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 prior to 1000 C.E. Students are expected to take the AP examination.</p>	10-12	1 UNIT 1 QP	Honors World Geography or AP Human Geography Teacher Recommendation Required
45.0810003 (Honors) 45.0810011 45.9810015 (T) 45.0810099 (ESOL)	<p>US HISTORY: This course 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. The student will also be encouraged to think independently. The honors level course is accelerated and designed for students interested in pursuing advanced social studies or careers in social studies.</p>	11	1 UNIT Honors .5 QP	Honors: Teacher Recommendation Required
23.0530092-A (Fall) 23.0530093-B (Spring) 45.0820092-A (Fall) 45.0820093-B (Spring)	<p>AMERICAN STUDIES: This course is a combination of AP US HISTORY and AP LANGUAGE, and is a cooperative effort between the Social Studies and English Departments wherein the curricula of both courses are blended to enhance the student’s appreciation and awareness of both history and literature. Extensive reading and writing are required. Placement is determined by academic performance in both fields. This course fulfills the requirement toward graduation for United States History and American Literature. Students are expected to take the AP examinations.</p>	11	2 UNITS 1 QP Each	World History

COURSE #	COURSE/DESCRIPTION	GRADE	CREDIT	PREREQUISITE
45.0840095	AP EUROPEAN HISTORY: This course conforms to College Board topics for the Advanced Placement European History Examination. Covers intellectual and cultural history, political and diplomatic history and social and economic history.	11-12	1 Unit 1 QP	Honors or AP US History Required
45.01200	CURRENT ISSUES: This Course is designed to analyze current issues and influences that are related to these issues and examines how decisions are made concerning those issues. It integrates and reinforces social studies skills.	11-12	1 Unit	World History
45.0570002 (Honors) 45.0570010 (A & B) 45.9570014 (T) 45.0570096 (ESOL)	AMERICAN GOVERNMENT: This 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. Also, the functions of our executive, legislative, and judicial branches of government will be studied. The honors level course is accelerated and designed for students interested in pursuing advanced careers in social studies.	12	.5 UNIT Honors .5 QP	Completion of US History Honors: Teacher Recommendation Required
45.0520095	AP US GOVERNMENT: This course conforms to the College Board topics for AP American government which is the study of local, state, and federal government functions. Focus areas include the development of the political system, federalism, political parties, and political theory. Also, the executive, legislative and judicial branches will be studied. This course fulfills requirement for graduation for American Government. Students are expected to take the AP examination.	12	1 UNIT 1 QP	Completion of U.S. History (AP US History Recommended) Teacher Recommendation Required
45.0610002 (Honors) 45.0610010 45.9610022 (T) 45.0610096 (ESOL)	PRINCIPLES OF ECONOMICS: This 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 and fiscal policies, and international trade. The honors level course is accelerated and designed for students interested in pursuing advanced careers in social studies.	12	.5 UNIT Honors .5 QP	Completion of US History Honors: Teacher Recommendation Required

COURSE #	COURSE/DESCRIPTION	GRADE	CREDIT	PREREQUISITE
45.0630095	AP MICROECONOMICS: This course conforms to College Board topics for the AP Microeconomics, and covers basic economic concepts, the nature and functions of product markets, factor markets and efficiency, equity, and the role of government. Students are expected to take the AP examination.	12	1 UNIT 1 QP	Completion of US History (AP US History Recommended) Teacher Recommendation Required
45.0160095	AP PSYCHOLOGY: This course is a college level survey course with study in learning theory, abnormal behavior, and social psychology. Extensive reading, writing, and statistical analysis are required of students. Students are expected to take the AP examination.	10-12	1 UNIT 1 QP	Online Application Required

SCIENCE

COURSE #	COURSE/DESCRIPTION	GRADE	CREDIT	PREREQUISITE
26.0120011 26.9120015 (T)	BIOLOGY: This introductory course includes the study of cell structures and processes, basic organic chemistry, genetics, and basic classification of organisms and a general survey of micro-organisms. Emphasis is placed on laboratory investigations and scientific inquiry. Students are required to take the state EOC.	9-12	1 UNIT	NONE
26.0120003	HONORS BIOLOGY: This introductory course includes the study of cell structures and processes, basic organic chemistry, genetics, and basic classification of organisms and a general survey of micro-organisms. Emphasis is placed on laboratory investigations, scientific inquiry and critical thinking. Students are required to take the state EOC.	9-10	1 UNIT 0.5 QP	Teacher Recommendation
26.0120087	MAGNET BIOLOGY Y: This introductory course includes the study of cell structures and processes, basic organic chemistry, genetics, and basic classification of organisms and a general survey of micro-organisms. Emphasis is placed on laboratory investigations, scientific inquiry, use of computerized PASCO programs for lab investigation and collaborative research. Students are required to take the state EOC.	9	1 UNIT 0.5 QP	Magnet Enrollment or space availability for qualified 9 th graders
40.0580087	BIOCHEMISTRY (BIOLOGY II): This course will encompass principles of beginning Biology and Chemistry. There will be an emphasis on cellular bioenergetics and transport, organic chemistry, and clinical trials of pharmacological research. There will be a heavy integration of biomolecular interactions. Emphasis is placed on computerized PASCO probe-wear programs for lab investigations, scientific inquiry, and collaborative research.	10-11	1 UNIT 0.5 QP	1 Unit of Honors or Magnet Biology 1 Unit of Honors or Magnet Chemistry and space availability for qualified students
26.0140095	AP BIOLOGY: The Advanced Placement Biology course is designed to be the equivalent of a college introductory biology course usually taken by biology majors during their first year. The AP course in biology differs significantly from the usual first high school course in biology with respect to the kind of textbook used, the range and depth of topics covered, the kind of 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. This course prepares students to take the AP Biology Exam.	11-12	1 UNIT 1 QP	Minimum of 85% in Biology, 1 Unit of Chemistry and Departmental Rec.
40.0510011 40.0510015 (T) 40.0510099 (ESOL)	CHEMISTRY: Chemistry is designed to introduce the student to chemical principles and concepts which are developed from observations and data; to understand and apply ordinary chemical and scientific phenomena encountered in everyday activities; and to assist the student in appreciating the role of the chemist and the chemical industry in the development of our present day highly technological society. Emphasis is placed on laboratory experiments yielding data, that when analyzed and interpreted; reveal important relationships such as trends and regularities, which can be used as a basis for developing unifying principles and concepts.	10-12	1 UNIT	Biology and Math I

COURSE #	COURSE/DESCRIPTION	GRADE	CREDIT	PREREQUISITE
40.0510003	HONORS CHEMISTRY: This course is designed to introduce the student to the process by which chemical principles and concepts are developed from observations and data, to understand and apply ordinary chemical and scientific phenomena encountered in everyday activities, and to assist the student in appreciating the role of the chemist and the chemical industry in the development of our present day highly technological society. There is an emphasis on collaborative research and laboratory investigations in this course to prepare college bound students with the foundation necessary for success in college or AP chemistry courses.	10-12	1 UNIT 0.5 QP	85% in Biology and Math. I
40.0520087	HONORS/MAGNET CHEMISTRY II: This course provides an in-depth study of chemical reactions, quantum mechanics, chemical molecular bonding and introduces organic and nuclear chemistry, solutions, electrochemistry, chemical kinetics and equilibrium, acids and bases, and thermodynamics, and follows successful completion of an introductory Honors or Magnet Chemistry course. Emphasis is placed on computerized PASCO probe-wear programs for lab investigations, scientific inquiry and collaborative research. It is an excellent course for students not yet ready for the rigor of AP Chemistry.	10-12	1 UNIT 0.5 QP	Honors or Magnet Chemistry and Teacher Recommendation
40.0530095	AP CHEMISTRY: The Advanced Placement Chemistry course is designed to be the equivalent of a college introductory chemistry course usually taken by chemistry majors during their first year. The AP course in chemistry differs significantly from the usual first high school course in chemistry with respect to the kind of textbook used, the range and depth of topics covered, the kinds of laboratory work done by the students, the extensive mathematical applications of laws learned, and the time and effort required of the students. It provides students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of chemistry. This course prepares students to take the AP Chemistry Exam.	11-12	1 UNIT 1 QP	Honors or Magnet Chemistry and Teacher Recommendation
40.0810011 40.0810015(T) 40.0810099 (ESOL)	PHYSICS: This course introduces the relationships between speed, acceleration, and displacement. Vectors are used to make inferences about motion and forces. Work, conservation of energy and momentum are explained. The nature of heat, waves, sound and light are explored. The relationship of electricity and magnetism is described. Algebraic and scientific principles are developed and explored while emphasizing conceptual comprehension.	10-12	1 UNIT	CCGPS Algebra and Chemistry
40.0810003	HONORS PHYSICS: This course in physics introduces the relationships between speed, acceleration, and displacement. Vectors are used to make calculations involving both kinetic and dynamic quantities. Algebraic treatments of the laws of mechanics, as applied to both linear and circular motion systems, are derived and explained. The concepts of conservation of energy and momentum are introduced. This course also deals with the study of light, sound, electromagnetic waves, electricity, electromagnetism and electronics. There is an emphasis on collaborative research and laboratory investigations in this course to prepare college bound students with the foundation necessary for success in college or AP physics courses..	10-12	1 UNIT 0.5 QP	CCGPS Analytic Geometry, Honors or Magnet Chemistry and Teacher Recommendation

COURSE #	COURSE/DESCRIPTION	GRADE	CREDIT	PREREQUISITE
40.0831095	AP PHYSICS I: Algebra-Based is the equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; and mechanical waves and sound. It will also introduce electric circuits. This course prepares students to take the AP Physics I Exam.	10-12	1 UNIT 1 QP	Minimum of 85% in Honors Physics OR Advanced Algebra and Teacher Recommendation
40.0832095	AP PHYSICS II: Algebra-Based is the equivalent to a second-semester college course in algebra-based physics. The course covers fluid mechanics; thermodynamics; electricity and magnetism; optics; and atomic and nuclear physics. This course prepares students to take the AP Physics II Exam.	10-12	1 UNIT 1 QP	Completion of AP Physics I
40.0841095	AP PHYSICS C: The Advanced Placement Physics C course is a calculus-based physics class. The student who enrolls in the AP Physics C course should be comfortable using higher level mathematics in problem-solving. The student who completes this class will be prepared to take the AP Physics C exam in Mechanics. In addition, material on the AP Physics C exam in electricity and magnetism will be covered. A score of 4 or 5 on this exam is accepted by GA Tech for AP credit in Physics. (AP Physics I and II credit is not accepted by Tech, although some other schools do accept it, particularly for non-engineering majors.)	11-12	1 UNIT 1 QP	Calculus or taking concurrently AND 85% in Magnet Physics, AP Physics 1 or Honors Physics, and Teacher Recommendation
26.0611011 26.9611015 (T) 26.0611099 (ESOL)	ENVIRONMENTAL SCIENCE: This course is designed as an integrated and global approach to science and technology. The concepts in this course focus on the links between living things, their surroundings, and the total environment of the planet. The scientific principles and related technology will assist the student in understanding the relationships between local, national, and global environmental issues, get involved, and care for one's self and the environment.	9-12	1 UNIT	Teacher or IEP Recommendation
26.0620095	AP ENVIRONMENTAL SCIENCE: The Advanced Placement Environmental Science course is designed to be the equivalent of an introductory Environmental Science course at the college level. This course is a scientific examination of the interrelationships of the natural world, and the student will be able 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. The course has significant laboratory and field-work components. The course prepares students to take the AP Environmental Science exam.	11-12	1 UNIT 1 QP	Grade of 85% in 1 Unit of Biology and 1 Unit of Chemistry and Teacher Recommendation.

COURSE #	COURSE/DESCRIPTION	GRADE	CREDIT	PREREQUISITE
40.0210011 40.9210015 (T)	ASTRONOMY: This course will explain the concepts of modern astronomy, the origin and history of the universe and the formation of the Earth and solar systems. Descriptions of astronomical phenomena are given using the laws of physics. Discussion will include planets, stars, galaxies including the Milky Way, black holes, questions concerning the origin of the universe, its evolution and fate. Although largely descriptive, the course will occasionally require the use of sophomore-level mathematics.	10-12	1 UNIT	1 Unit of Science
40.0620011 40.9620015(T)	EARTH SCIENCE: This course is designed to continue student investigations that connect Earth's systems (atmosphere, hydrosphere, geosphere, and biosphere) through history. This course develops the explanations of phenomena to the sciences of geology and physical geography, including the early history of life on Earth, plate tectonics, landform evolution, the Earth's oceans and geologic record, weather and climate, and the history of life. The course has laboratory and field-work components that are perfect for the student who enjoys hands-on learning.	10-12	1 UNIT	1 Unit of Science
26.0730011	HUMAN ANATOMY & PHYSIOLOGY: This course is designed to continue student investigations that began in the introductory high school biology course. It integrates the study of the structures and functions of the human body, focusing on the essential requirements for life. Areas of study include organization of the body; protection, support and movement; providing internal coordination and regulation; processing and transporting; and reproduction, growth and development. This curriculum is extensively performance and laboratory based. Careers related to medicine, research, health-care and modern technology are emphasized throughout the curriculum. Case studies concerning diseases, disorders and ailments (i.e., real-life applications) are also emphasized.	10-12	1 UNIT	
26.0730003	HONORS HUMAN ANATOMY & PHYSIOLOGY: This course is designed to continue student investigations that began in the introductory high school biology course. It integrates the study of the structures and functions of the human body, focusing on the essential requirements for life. Areas of study include organization of the body; protection, support and movement; providing internal coordination and regulation; processing and transporting; and reproduction, growth and development. This curriculum is extensively performance and laboratory based. Careers related to medicine, research, health-care and modern technology are emphasized throughout the curriculum. Case studies concerning diseases, disorders and ailments (i.e., real-life applications) are also emphasized. The depth and breadth of this course is greater than the non-honors course.	10-12	1 UNIT 0.5 QP	

COURSE #	COURSE/DESCRIPTION	GRADE	CREDIT	PREREQUISITE
40.0930003	HONORS FORENSICS: Forensic science is the application of scientific principles to matters of the law. Topics covered in this course may include investigation, evidence recovery and packaging, manner and cause of death, legal basis for search and scientific evidence, court testimony, and the analysis and interpretation of body fluid, impression, latent prints, drugs, firearms and tool marks, digital, questioned document, arson and trace evidence.	11-12	1 UNIT 0.5 QP	85% in Chemistry or Biology and Teacher Recommendation
26.07100	ZOOLOGY: Zoology stems from the Greek words <i>zoon</i> , meaning “animal”, and <i>logos</i> , meaning “the study of”. It is one of the broadest fields in biology because of the vastness of the earth’s animals. In this class we will study the structures, functions, and ecology pertaining to each of these animals. How are these organisms related? How are these organisms similar and how are these organisms different? What may have caused these similarities and differences? These are all questions this class will aim to answer.	9-12	1 UNIT	Biology grade of 85% or higher
40.0720087	MAGNET FOUNDATIONS/SCIENCE, TECHNOLOGY & SOCIETY: This course is required for freshmen entering the magnet program and prepares the students for the knowledge and skills necessary for success in the program. It covers the impact of technological advances, local studies, reference and research skills, process skills, computing skills, and concludes with a comprehensive design project.	9	1 UNIT	Magnet Enrollment
26.0640087	ADVANCED GENETICS/DNA RESEARCH: This course is designed as a research-based advanced genetics course, which will focus on human genetics, the human genome, and DNA fingerprinting. Students will be required to have a thorough background in scientific research and lab techniques.	11-12	1 UNIT 1 QP	Successful completion of AP Biology or AP Physics or AP Chemistry and Magnet Enrollment or Space availability for qualified 11-12 graders
40.0910087	ADVANCED MAGNET SCIENTIFIC INTERNSHIP: This is a senior level Post-AP Magnet Course and is required of all magnet students to receive the Magnet seal. This course will place heavy emphasis on scientific applied research. Students will be required to develop a worksite/research topic. Students will prepare an electronic portfolio for the course.	12	1 UNIT 1 QP	2 AP level Sciences or Math Courses, Magnet enrollment or space availability for other qualified seniors

COURSE #	COURSE/DESCRIPTION	GRADE	CREDIT	PREREQUISITE
40.0920087	ADVANCED MAGNET SCIENTIFIC RESEARCH: This is a senior level Post-AP Magnet Course and is required of all magnet students to receive the magnet seal. This course will be blocked with Advanced Science Internship. Emphasis for this course will be in-depth cumulative research portfolio and in-depth presentations skills	12	1 UNIT 1 QP	2 AP level Sciences or Math Courses, Magnet enrollment or space availability for other qualified seniors
40.0890087	ADVANCED PHYSICS/ROBOTICS: This course will consist of students working independently and collaboratively in the research, design, development of robotics and automation technologies. There will be an emphasis on the application and integration of physics and technological principles in this course. Students will be introduced to the principles of robotics and automation and the role of robotics in industry and business through research, expert speakers, and site visits. They will apply their math, physical science, physics and technological skills and knowledge to the design and development of an array of robotic mechanisms. Students will learn and apply relevant computer programming languages in the process. Working in teams, students will build working robots which can accomplish specific predetermined goals. The class provides a basis for students interested in entering nationally recognized high-stakes robotics competitions.	11-12	1 UNIT 1 QP	AP Physics or AP Biology or AP Chemistry and Magnet enrollment or space availability for qualified 11-12 graders.
40.0940087	CHEMICAL ENGINEERING & MATERIALS SCIENCE: This course will introduce the concepts of material and energy balances, which are the foundational principles in chemical engineering. Unit operations, separation techniques, and reactor design will also be taught. In addition this course will describe the five major categories of materials: metals, polymers, ceramics, semiconductors, and composites. Students will learn the properties of these different materials, and how these properties affect the performance of the material for various applications	11-12	1 UNIT 1 QP	AP Chemistry or AP Physics and Magnet enrollment or space availability for qualified 11-12 grade students
40.0570095	ORGANIC CHEMISTRY: This course is designed to mimic a sophomore level organic chemistry experience at the undergraduate level. The course will center on the fundamentals of organic chemistry with emphasis on molecular structure and reaction mechanisms. In addition, more advanced topics including stereochemistry and regiospecific organic transformations will be discussed as well as use of ¹ H- and ¹³ C- IR and mass spectroscopy analysis and equipment for the identification and confirmation of molecular structure. A good understanding of introductory chemistry is necessary; therefore, successful completion of AP Chemistry is a prerequisite for this course.	10-12	1 UNIT 1 QP	AP Chemistry

COURSE #	COURSE/DESCRIPTION	GRADE	CREDIT	PREREQUISITE
40.0923087	MAGNET RESEARCH III—AEROSPACE ENGINEERING: The purpose of this course is to provide students with an overview of the fundamentals of aerospace engineering from a design perspective. This will include a historical overview, introductory aerodynamics, lift, drag, the standard atmosphere, aircraft performance, stability and control, propulsion, structures, materials, engineering analysis, rocket and spacecraft trajectories, and orbital mechanics. The fundamental concepts and approaches of aerospace engineering will be introduced through lectures on aeronautics, astronautics, and design. Hands-on learning will take place in the form of individual and team-based projects. The connections between theory and practice will be realized in the design and construction projects, labs and exercises. The performance, weight and principal characteristics of aerospace vehicles will be explored using physics, mathematics and chemistry with the emphasis being on the application of this knowledge to aerospace engineering and design.	11-12	1 UNIT 1 QP	AP Physics or AP Chemistry and Magnet enrollment or space availability for qualified 11-12 grade students

WORLD LANGUAGES

COURSE #	COURSE/DESCRIPTION	GRADE	CREDIT	PREREQUISITE
60.0110011	FRENCH I: In French I, students will be introduced to the language and culture of France and French-speaking countries. The course is intended to enable students to attain a certain level of proficiency in the four basic skills of listening, speaking, reading, and writing, with an emphasis on oral proficiency.	9-12	1 UNIT	NONE
60.0120011 (Fall)	FRENCH II: French II is a continuation to the study of the language and culture of the French-speaking world. This course strives to help the learner acquire the ability to use the language by integrating the four skills of reading, writing, listening, and speaking with an increased emphasis on oral proficiency.	9-12	1 UNIT	French I
60.0130003 (Spring)	FRENCH III HONORS: French III is designed to further develop the student's language skills and cultural understanding of the French-speaking world. This course strives to help the learner acquire the ability to use the language by integrating the four skills of reading, writing, listening, and speaking with an increased emphasis on oral proficiency.	9-12	1 UNIT .5 QP	French II
61.0440003	LATIN IV HONORS: Latin IV is designed to provide the students an opportunity to understand the works of classical authors with primary emphasis on poetry selections. The course will focus on Roman history and Culture, a review of Latin grammar, a study of the mechanics of Latin poetry, and translation of the beginning of the <i>Aeneid</i> .	10-12	1 UNIT 1 QP	Latin III
61.0450003	LATIN V HONORS: Latin V is designed to provide the student an opportunity to understand the works of classical authors with primary emphasis on Catullus or Ovid. The course will focus on the translation of poems, a study of more advanced Latin grammar, a study of the mechanics of Latin poetry, and interpretation of the poetry in preparation for the AP exam.	11-12	1 UNIT 1 QP	Latin IV
61.0460003	LATIN VI: Latin VI is designed to provide the student with the opportunity to understand the works of classical authors with primary emphasis on drama selections. Course work will include transitional readings, grammar review, a study of the mechanics of Latin drama, and translation techniques.	11-12	1 UNIT 1 QP	Latin V
61.0480095	LATIN AP LITERATURE: This course will prepare students to take the AP Latin: Vergil and Caesar	11-12	1 UNIT 1 QP	Latin V and teacher recommendation
60.0710011	SPANISH I: Spanish I is an introduction to the language and culture of the Spanish-speaking countries. This course is the foundation for students to begin developing proficiency in reading, writing, listening, and speaking skills. Development of these four skills will occur in a curriculum that emphasizes the foreign language content standards of communication, cultures, connections, comparisons, and communities.	9-12	1 UNIT	NONE

COURSE #	COURSE/DESCRIPTION	GRADE	CREDIT	PREREQUISITE
60.0720011 (Fall)	SPANISH II: Spanish II is a continuation of the study of the language and culture of the Spanish-speaking world. The course strives to help the learner acquire knowledge of the language and proficiency by integrating the four skills of listening, speaking, writing, and reading.	9-12	1 UNIT	Spanish I
60.0730003 (Spring)	SPANISH III HONORS: Spanish III is a course designed to further develop the language skills and culture of the Spanish-speaking world. The course strives to help the learner acquire knowledge of the language by integrating the four skills of listening, speaking, writing, and reading with foreign language content standards of communication, cultures, connections, comparisons, and communities.	9-12	1 UNIT .5 QP	Spanish II
60.0740003	SPANISH IV HONORS: Spanish IV is a course designed to serve as an extension of the skills learned by students in their third year of Spanish. This course strives to help the learner acquire an in-depth knowledge of the language by continuing to integrate the four skills of listening, speaking, writing, and reading with emphasis on oral proficiency.	10-12	1 UNIT 1 QP	Spanish III
60.0750003	SPANISH V HONORS: This course will review advanced grammatical structures while presenting more idiomatic phrases through selected readings. Students will continue to improve oral and written fluency.	11-12	1 UNIT 1 QP	Spanish IV
60.0711003	SPANISH VII: This course emphasizes Hispanic achievements in cuisine, art, music, history, medicine, and technology. (This course is listed in Picasso as Spanish VII) Reading selections will come from magazine and newspaper articles, short stories, and novels.	11-12	1 UNIT 1 QP	Spanish V
60.0770095	SPANISH AP: This course 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. Students are challenged to make the transition to a more detail-oriented style of learning, while maintaining spontaneity and interest. The student should learn to appreciate and meet increasingly difficult demands.	11-12	1 UNIT 1 QP	Spanish V and Teacher recommendation

COURSE #	COURSE/DESCRIPTION	GRADE	CREDIT	PREREQUISITE
60.0780095	AP SPANISH LITERATURE: This course 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. Students are challenged to make the transition to a more detail-oriented style of learning, while maintaining spontaneity and interest. The student should learn to appreciate and meet increasingly difficult demands.	11-12	1 UNIT 1 QP	Spanish V Honors and Teacher Recommendation
60.0790099	SPANISH FOR NATIVE SPANISH SPEAKERS, LEVEL I: The course is designed for the Spanish Heritage Speaker and will focus on advanced skills in reading, writing, listening, and speaking. Essay development and novel reading are integral to this course.	9-12	1 UNIT	Department Recommendation
60.0791099	SPANISH FOR NATIVE SPANISH SPEAKERS, LEVEL 2: This course is designed for the Spanish Heritage Speaker and will focus on advanced skills in reading, writing, listening, and speaking. Essay development, novel reading, and an in-depth study of culture, literature, and history of the Spanish-speaking world are integral to this course.	9-12	1 UNIT	Spanish for Native Spanish Speakers, Level 1
60.0510099	PORTUGUESE NATIVE SPEAKERS I: This course is designed for the native Portuguese Speaker. This course will focus on advanced skills in reading, writing, listening, and speaking. Essay development and novel reading are integral to this course.	9-12	1 UNIT	Department Recommendation
60.0520099	PORTUGUESE NATIVE SPEAKERS II: This course is designed for the Portuguese Speaker and will focus on advanced skills in reading, writing, listening, and speaking. Essay development, novel reading, and an in-depth study of culture, literature, and history of the Portuguese-speaking world are integral to this course.	9-12	1 UNIT Y	Portuguese for Native Speakers I

FINE ARTS--MUSIC

COURSE #	COURSE/DESCRIPTION	GRADE	CREDIT	PREREQUISITE
54.0211099 54.0211096 (Alternating Days) & 53.0371097 (Alternating Days)	CHORALE (BEGINNING): Open to students in all grade levels. This class meets year round on the 3 rd A/B schedule. Magnet students and others who need to take this class as a skinny may do so. Students are strongly encouraged to take both the A class and the B class if possible, so as to meet every day. No audition and no singing experience needed. This course will teach the fundamentals of music theory, sight-reading, and vocal techniques.	9-12	.5 UNIT EACH	NONE
54.0221099 (FALL) 54.0222099 (SPRING)	SPIRITO (INTERMEDIATE): Advanced Choral performance class for female voices with previous choral music experience. Students will continue to advance their skills in tone production, intonation, music reading, diction, music theory, and group balance and blend.	10-12	1 UNIT	AUDITION & Teacher Rec.
54.0231099 (Fall) 54.0232099 (Spring) 54.0231096 (Alternating Days) & 54.0231097 (Alternating Days)	BEL VOCE (ADVANCED CHORAL ENSEMBLE): Advanced Choral Performance class for mixed voices with previous training in choral music. Students will continue to advance their skills in tone production, intonation, diction, music reading, music theory, and balance and blend. <i>Students in Bel Voce may audition for the co-curricular a cappella choir.</i>	10-12 Men and 11-12 Women	1 UNIT	AUDITION
53.02361099 (FALL) 53.0362099 (SPRING) 53.0361096 (Alternating Days) 53.0361097 (Alternating Days)	BEGINNING BAND (9TH GRADE BAND): This course focuses on fundamental techniques of the instruments. These techniques will be applied to concert band literature appropriate to the level of student achievement.	9-12	1 UNIT	
53.0371096 (FALL) 53.0371097 (SPRING)	INTERMEDIATE BAND: This course focuses on intermediate musical concepts for all band instruments. These concepts are applied to concert band literature appropriate to the level of student achievement	9-12	.5 UNIT EACH	Audition
53.0381096 (FALL) 53.0371097 (SPRING)	ADVANCED BAND: This course focuses on advanced musical concepts for all band instruments. These concepts are applied to concert band literature appropriate to the level of student achievement.	9-12	.5 UNIT EACH	Audition Required

COURSE #	COURSE/DESCRIPTION	GRADE	CREDIT	PREREQUISITE
53.0230095 (SPRING)	AP MUSIC THEORY: This is the school's advanced placement music theory course. This class analyzes and composes music from the classical period and studies its influence on current music trends. Note: Offered Spring Semester Only	11-12	1 UNIT 1 QP	Basic knowledge of written music and AP teacher approval
53.0140099	MUSIC APPRECIATION: Students will explore all aspects of music in varying cultures, spanning ancient history through contemporary times.	9-12	1 UNIT	NONE
53.0741099 (FALL) 53.0562099 (SPRING) 53.0561096 (Alternating Days) 53.0561097 (Alternating Days)	BEGINNING ORCHESTRA I: This course gives students a chance to begin playing a string instrument. They will have an opportunity to audition for Philharmonia Orchestra in the spring.	9-12	1 UNIT	NONE
53.0571096 (FALL) 53.0571097	INTERMEDIATE ORCHESTRA: This orchestra focuses on review of technical and musical concepts at the intermediate level. These are then transferred to orchestral literature and performed throughout the year.	9-12	1 UNIT	AUDITION or Teacher Approval
53.0581096 (FALL) 53.0581097 (SPRING)	ADVANCED ORCHESTRA: This orchestra focuses on more advanced skills and literature. This select group of students must meet specified playing requirements to enroll.	9-12	1 UNIT	AUDITION or Teacher Approval
53.0561099 (FALL) 53.0562099 (SPRING) 53.0561096 (Alternating Days) 53.0561097 (Alternating Days)	BEGINNING ORCHESTRA II: This course focuses on musical and technical concepts at a beginning level. These are then transferred to orchestral literature and performed throughout the year.	9-12	1 UNIT	Participating in middle school orchestra

FINE ARTS--VISUAL ART

COURSE #	COURSE/DESCRIPTION	GRADE	CREDIT	PREREQUISITE
50.0211099	BASIC VISUAL ARTS COMPREHENSIVE: This course is open to any student with an interest in art. This is a full block class that gives the student an in depth studio experience and art history background on which to build. Areas of study include drawing, painting, pottery, printmaking, and color theory.	9-12	1 UNIT	Online Application Required
50.0313099	DRAWING/PAINTING IY: This course is open to students with solid drawing skills. Painting techniques are introduced with various subject matter examined. Weekly sketchbook assignments add to students' problem solving skills. The second part of this course explores a more stylized approach to subject matter & materials.	9-12	1 UNIT	Online Application Required
50.0314099	DRAWING & PAINTING II: The course enhances level-one drawing and painting skills and provides opportunities to apply techniques in a variety of media. Stresses critical analysis of master paintings and drawings of different styles and historical periods: emphasizes problem solving techniques to improve mastery of materials.	10-12	1 UNIT	Drawing & Painting I & Teacher Recommendation
50.0721099	COMPUTER GRAPHICS: This course introduces graphic design as seen in advertising, posters, package design, logos, and illustration. Designs will be done using the Photoshop software, based on compositional design skills enhanced from Basic Art. Both historical and contemporary commercial art will be studied.	10-12	1 UNIT	Visual Arts/Comprehensive 1 & Teacher Recommendation
50.0722099	COMPUTER GRAPHICS: This course introduces graphic design as seen in advertising, posters, package design, logos, and illustration. Designs will be done using the Photoshop software, based on compositional design skills enhanced from Basic Art. Both historical and contemporary commercial art will be studied.	10-12	1 UNIT	Visual Arts/Comprehensive 1, Computer Graphics 1 & Teacher Recommendation

COURSE #	COURSE/DESCRIPTION	GRADE	CREDIT	PREREQUISITE
50.0411099	CERAMICS IY: This is an introductory class to hand built ceramics. Students will use red and white earthenware, learn primitive and electric firings and investigate glazing techniques. The second half of this class focuses on advanced techniques including time on the potter's wheel.	9-12	1 UNIT	Visual Arts /Comprehensive I & Teacher Recommendation
50.0412099	CERAMICS II: This class enhances level one skills and provides opportunities to apply design techniques in clay through hand building and/or throwing on the potter's wheel. Introduces formulation of glazes and kiln firing; stresses evaluation of clay forms through critiques.	10-12	1 UNIT	Ceramics I & Teacher Recommendation
50.0413099	CERAMICS III: This class enhances level two skills and provides opportunities to apply design techniques in clay through hand building and/or throwing on the potter's wheel. Introduces formulation of glazes and kiln firing; stresses evaluation of clay forms through critiques.	10-12	1 UNIT	Ceramics II & Teacher Recommendation
50.0611099	SCULPTURE IY: In this class additive and reductive techniques are taught using diverse materials including clay, plaster, and soapstone, found objects, and metal. A further emphasis on Sculpture in the history of Art will be emphasized.	11-12	1 UNIT	Visual Arts /Comprehensive I & Teacher Recommendation
50.0612099	SCULPTURE II: This class enhances level one skills and explores the design and production of relief sculpture and sculpture in the round Emphasizes the historical origins and function of sculpture in the Western and Non- Western cultures. Introduces more complex techniques of construction and exploration of materials in additive and subtractive techniques.	11-12	1 UNIT	Sculpture I & Teacher Recommendation
50.0813095	AP STUDIO ART 2-D DESIGN Y: This class conforms to College Board's topics for the Advanced Placement 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 not limited to) photography, printmaking & computer generated work. This course provides students with college-level studio experiences and encourages self-expression.	10-12	1 UNIT 1 QP	Comprehensive plus Ceramics I Sculpture I Teacher Rec.

COURSE #	COURSE/DESCRIPTION	GRADE	CREDIT	PREREQUISITE
50.0814095	AP STUDIO 3-D DESIGN Y: This class conforms to College Board's topics for the Advanced Placement 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 using different 3-D design, media and approaches. This course provides students with college level studio experiences and encourages self expression.	10-12	1 UNIT 1 QP	Comprehensive plus Drawing & Painting I & II or Photography I & II Teacher Rec.
50.0921095	AP ART HISTORY: The AP Art History course, which is equivalent to an introductory college art history survey, focuses on developing students' art historical skills as they examine and analyze major forms of artistic expression from a variety of cultures from ancient times to the present. While visual analysis is a fundamental tool of the art historian, the course also emphasizes understanding how and why works of art function in context, considering such issues as patronage, gender, and the functions and effects of works of art. Students investigate how imagery has shaped our perceptions and behavior throughout time, providing insight into the past and into our own age and culture.	11-12	1 UNIT 1 QP	Comprehensive plus Teacher Rec.
50.0711099	PHOTOGRAPHY IY: This course intends to introduce students to photographic equipment, materials, processes and philosophy. Includes experiments with pinhole cameras, historical techniques, photographic paper, film, 35 mm camera operation, film processing, enlarging and presentation of images. Some outside of class time will be necessary. Students must have a single lens reflex 35mm camera.	9-12	1 UNIT	Visual Arts/ Comprehensive I & Teacher Recommendation
50.0712099	ADVANCED PHOTOGRAPHY II: This course intends to continue students' education onto photographic equipment, materials, processes and philosophy. Special emphasis is given to projects involving historical exploration, camera vision, and conceptual ideas. Students will explore multiple photographic styles including commercial and fine art uses of photographic expression. They will work toward the creation of a finished portfolio of images. Some outside of class time will be necessary. Students must have a single lens reflex 35mm camera.	11-12	1 UNIT	Visual Arts/ Comprehensive I Photography IY Teacher Approval

FINE ARTS--DRAMA

COURSE #	COURSE/DESCRIPTION	GRADE	CREDIT	PREREQUISITE
52.0610099	ACTING I Y (INTRO TO THEATRE): This course serves as the prerequisite for other theatre courses. It will include the study and application of stage movement, pantomime, vocal techniques, improvisation, and character development. Composition will be integrated through script writing of scenes for principle application. Personal growth/skill will be assessed through solo/group performances.	9-12	1 UNIT	NONE
52.0620099	ACTING II Y: This course will enhance introductory acting skills with character study and scene work. Through utilization of scene study, play analysis, and higher-level improvisation, this class will focus on scene strategies for actors working in scenes together. Tempo strategies, creative blocking and stage business, staging of unusual scene elements, and stage combat techniques will be included.	9-12	1 UNIT	Grade of 75% in Acting I or Teacher Recommendation
53.0630099	ACTING III: This course will enhance students' skills by analyzing and constructing meaning from theatrical experiences, dramatic literature, and electronic media, developing scripts through improvisation and other theatrical methods , acting by developing, communicating, and sustaining roles within a variety of situations and environments, designing and executing artistic and technical elements of theatre, and directing by conceptualizing, organizing, and conducting rehearsals for performance.	10-12		Grade of 75% in Acting II or Teacher Recommendation
52.0210099	ADVANCED FUNDAMENTALS OF DRAMA Y: This is a course that develops advanced acting skills with a focus on character/scene study and monologue/scene work. Students will be introduced to audition and resume skills. This course offers the opportunity to utilize scene work and audition techniques through performance opportunities.	10-12	1 UNIT	Grade of 75% in Acting I or Teacher Recommendation
52.0410099 52.0420099 52.0430099 52.0440099	TECHNICAL THEATRE I-IV Y: This class introduce the technical aspects of play production including set design and construction, properties, lighting/sound design, box office and business management, publicity, make-up design, and costume design/construction. Students will have a hands-on experience in all of these areas by providing the technical needs for current productions.	9-12	1 UNIT per course	Alg. I Recommended
52.0510099	ADVANCED DRAMA I Y (PLAY PRODUCTION): This class reinforces skills developed in fundamentals of Acting III. Students will be given the opportunity to select, produce, and perform in student-directed one-act plays of a full-length production.	10-12	1 UNIT	Advanced Theatre, Technical Theatre, or Teacher approval

JOURNALISM

COURSE #	COURSE /DESCRIPTION	GRADE	CREDIT	PREREQUISITE
23.0320096 (A) 23.0320097 (B)	ADVANCED NEWSPAPER JOURNALISM: alternating course 3 rd period for advanced newspaper students	10-12	1 UNIT	Intro & Teacher Rec.
23.0330008 (A) 23.0330009 (B)	ADVANCED ANNUAL JOURNALISM: alternating course 3 rd period for advanced newspaper students	10-12	1 UNIT	Intro & Teacher Recommendation
23.0320099 FALL ONLY	JOURNALISM/NEWSPAPER I Y: This course explores journalistic writing through analysis of the newspaper. It concentrates on purpose, influence, structure, and language use. It also covers news-gathering, ethics, copyrighting, editing and layout design. This paper is student-produced and student-funded; students raise funds via ad sales to expense the paper's production cost	10-12	1 UNIT	. Students must apply via interview with newspaper sponsor plus provide a writing sample.
23.0320011 FALL ONLY	JOURNALISM/ANNUAL I Y: This course explores writing through the analysis of yearbooks. It concentrates on purpose, influence, and structure and language use. It also covers news-gathering, ethics, copyrighting, editing and revising. . It will include typesetting, circulation and production as minor aspects.	9-12	1 UNIT	NONE
23.0330011 23.0350011 23.0360011	ADVANCED JOURNALISM ANNUAL II, III, AND IV: Upper level annual courses for students pursuing excellence in annual journalism.	10-12	1 UNIT	Intro to Journalism Teacher approval
23.0330099 23.0350099 23.0360099	ADVANCED JOURNALISM NEWSPAPER II, III, AND IV: Upper level newspaper courses for students pursuing excellence in newspaper journalism.	10-12	1 UNIT	Intro to Journalism Teacher approval

OTHER COURSES

COURSE #	COURSE/DESCRIPTION	GRADE	CREDIT	PREREQUISITE
70.0410099 RISE I 70.0420099 RISE II	COMMUNITY SERVICE/LEARNING I (RISE): Students have the opportunity to work at an elementary schools to tutor students using the Reading Is Succeeding Everyday (RISE) program. Wheeler students will meet with two elementary students each for a 30-minute period and help these students overcome reading difficulties.	12	1 UNIT	3.0 GPA Application and two teacher recommendations Own transportation

COURSE #	COURSE/DESCRIPTION	GRADE	CREDIT	PREREQUISITE
35.0630016	NOVANET: NovaNet is an online course recovery program that requires note taking and full time engagement in daily work. The following courses are offered: All English, Integrated Math I & II, Algebra I Part I and Part II, Geometry, Money Management, all Science; all Social Studies except Economics. Counselors recommend students who need .5 credits for a course or who have failed one or more courses and fulfill the following requirements: failed with a 60% or higher, basic computer skills, excellent attendance, no major discipline issues, adequate reading skills, and self-discipline. Priority is given to seniors.	11-12	.5 to 1 UNIT per course	Recommendation of Counselor
00.1213000 (Fall) 00.1212000 (Spring)	MINIMUM DAY: minimum day is offered 1 st and 4 th period to seniors who have passed all areas of the GHSGT. You must have a parent permission slip signed and see your counselor to register for this period off. It will be scheduled 1 st or 4 th depending on the other courses you request and the overall master schedule. Students must have their own transportation and must not remain on campus after block 3 or arrive before block 2.	12	NONE	Must have passed all GHSGT tests See your Counselor

PHYSICAL EDUCATION

COURSE #	COURSE/DESCRIPTION	GRADE	CREDIT	PREREQUISITE
36.0110099	GENERAL PHLYSICAL EDUCATION: This course focuses and enhances skills in any combination or variety of team sports, lifetime sports, track and field events, outdoor education, experiences, rhythmic/dance, recreational games, gymnastics, and self-defense. It further promotes methods to attain a healthy and active lifestyle. The General Physical Educations courses may be used as pre-requisites to other course offerings (i.e. team sports, lifetime sports).	9-12	1 UNIT	
17.0110098 Health .5 36.0510098 Fitness .5	HEALTH/FITNESS Y: A course designed to develop a higher state of wellness through an understanding of preventive health strategies and health related fitness. Students spend classroom time learning knowledge and concepts that serve as the foundation for the development of overall wellness and activity time involved in a fitness program. Emphasis is placed on the decision-making process and preventive health care. <i>This course is required for graduation.</i>	10 th Grade Music Students	.5 Health .5 Fitness	NONE
17.9110014 17.951004 (T)	HEALTH/FITNESS Y (T): This course has the same content as Health/Fitness Y. <i>This course is required for graduation.</i> This section of regular physical education is team taught with a special education teacher to make indicated adjustments in methodology and/or management.	9 th	.5 Health .5 Fitness	IEP
36.0560099	BODY SCULPTING: This course is designed to help students tone and shape their bodies through the use of strength training. The main emphasis will be on the proper use of free weights. Cardiovascular and flexibility development will also be emphasized.	9-12	1 UNIT	NONE

COURSE #	COURSE/DESCRIPTION	GRADE	CREDIT	PREREQUISITE
36.0210099	INTRO TO TEAM SPORTS Y: This course introduces fundamental skills, strategies, and rules associated with team sports such as basketball, volleyball, soccer, softball, baseball, field hockey, lacrosse, team handball, and flag football.	9-12	1 UNIT	NONE
36.0250099	INTRO OUTDOOR EDUCATION Y: This course is designed to introduce students to fundamental backpacking and camping skills to include environmental considerations, personal safety, and survival skills associated with adventure activities. Activities will include archery, fishing, compass reading, fire building, food gathering techniques, and survival skills. This class is performance based. The students should be prepared to go outside everyday and utilize the skills they have been taught.	9-12	1 UNIT	NONE
36.0540099	WEIGHT TRAINING: 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.?	10-12	1 UNIT	NONE
36.0640099 Spring	ADV. WEIGHT TRAINING: 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.	10-12	1 UNIT	NONE

CAREER TECHNICAL and AGRICULTURAL EDUCATION

COURSE #	COURSE/DESCRIPTION	GRADE	CREDIT	PREREQUISITE
	ENTREPRENEUSHIP PATHWAY			
07.4413099	<p>INTRODUCTION TO BUSINESS & TECHNOLOGY: Introduction to Business & Technology is the foundational course for Business and Technology, Entrepreneurship, and Human Resources Management pathways. The course is designed for high school students as a gateway to the career pathways above, and provides an overview of business and technology skills required for today's business environment. Knowledge of business principles, the impact of financial decisions, and technology proficiencies demanded by business combine to establish the elements of this course. Emphasis is placed on developing proficient fundamental computer skills required for all career pathways. Students will learn essentials for working in a business environment, managing a business, and owning a business. The intention of this course is to prepare students to be successful both personally and professionally in an information-based society. Students will not only understand the concepts, but apply their knowledge to situations and defend their actions/decisions/choices through the knowledge and skills acquired in this course. Employability skills are integrated into activities, tasks, and projects throughout the course standards to demonstrate the skills required by business and industry. Competencies in the co-curricular student organization, Future Business Leaders of America (FBLA), are integral components of both the employability skills standards and content standards for this course.</p> <p>Various forms of technologies will be highlighted to expose students to the emerging technologies impacting the business world. Professional communication skills and practices, problem-solving, ethical and legal issues, and the impact of effective presentation skills are taught in this course as a foundational knowledge to prepare students to be college and career ready. Introduction to Business & Technology is a course that is appropriate for all high school students. After mastery of the standards in this course, students should be prepared to earn an industry recognized credential: Microsoft Office Specialist for Word Core Certification.</p>	9-12	1 UNIT	<p>NONE</p> <p>Prerequisite for Business and Technology, and Entrepreneurship, and Pathways</p>
07.4260099 Spring	<p>FINANCIAL LITERACY: Course designed specifically for high school students to understand the importance of the financial world, including planning and managing money wisely. Based on the hands on skills and knowledge applied in this course, students will develop financial goals, and create realistic and measurable objectives to be MONEY SMART!</p>	10-12	1 UNIT	<p>Pre-Req = Intro to Business and Technology</p>

COURSE #	COURSE/DESCRIPTION	GRADE	CREDIT	PREREQUISITE
06.4150099	<p>LEGAL ENVIRONMENT OF BUSINESS (BUSINESS LAW): Legal Environment of Business addresses statutes and regulations affecting businesses, families, and individuals. All students will benefit with the knowledge of business law as they will eventually assume roles as citizens, workers, and consumers in their communities and in society at large. Students will get an overview of business law while concentrating on the legal aspects of business ownership and management. Legal issues addressed include court procedures, contracts, torts, consumer law, employment law, environmental law, international law, ethics, and the role of the government in business. Students will not only understand the concepts, but will also apply their knowledge to situations and defend their actions, decisions, and choices. Legal Environment of Business is the second course in the Entrepreneurship and Human Resources Management pathway in the Business Management & Administration Cluster. Students enrolled in this course should have successfully completed the first course in the pathway Introduction to Business & Technology.</p>	10-12	1 UNIT	Introduction to Business & Technology
06.4170099	<p>ENTREPRENEURSHIP: This course explores the advantages and disadvantages of business ownership, personal characteristics and skills required for entrepreneurs, opportunity recognition and pursuit, and problem solving. Development of the components of a business plan is emphasized. Explores entrepreneurial and intrapreneurial endeavors and group dynamics.</p>	10-12	1 UNIT	Introduction to Business & Technology, and Legal Environment of Business
FINANCE CAREER PATHWAY				
07.4110099	<p>ACCOUNTING I Y: Accounting I is an overview of the accounting cycle for all business types. It introduces the students to accounting concepts, principles, and procedures. The course emphasizes the skills, knowledge, and attitudes necessary for individuals to conduct personal business or to further their education in the field of accounting. Automated and manual problems will simulate the working environment.</p>	10-12	1 UNIT	Introduction to Business & Technology
07.4120099	<p>ACCOUNTING II Y: Accounting II provides the student an opportunity to review and further develop the fundamental accounting principles using technology. The course helps students develop additional skills in applying principles used in accounting systems and methods commonly found in business. Accounting II is designed for students interested in continuing their education at the post-secondary level or entering the workforce.</p>	10-12	1 UNIT	Introduction to Business & Technology and Accounting I Y

COURSE #	COURSE/DESCRIPTION	GRADE	CREDIT	PREREQUISITE
BUSINESS & TECHNOLOGY PATHWAY				
07.4412099 (formerly called Computer Apps II)	<p>BUSINESS & TECHNOLOGY: Business and Technology is designed to prepare students with the knowledge and skills to be an asset to the collaborative, global, and innovative business world of today and tomorrow. Mastery use of spreadsheets and the ability to apply leadership skills to make informed business decisions will be a highlight of this course for students. Publishing industry appropriate documents to model effective communication and leadership will be demonstrated through project based learning. Students will use spreadsheet and database software to manage data while analyzing, organizing and sharing data through visually appealing presentation. Business and Technology is the second course in the Business and Technology pathway in the Business Management and Administration cluster. Students enrolled in this course should have successfully completed Introduction to Business and Technology.</p>	10-12	1 UNIT	Introduction to Business & Technology
07.4841099	<p>BUSINESS COMMUNICATIONS; As one of the most important skills for employers, students will explore the value of communication in their personal and professional life. The digital presence and impact of written and visual communication in a technological society will be addressed. Students will create, edit, and publish professional-appearing business documents with clear and concise communication. Creative design, persuasive personal and professional communications will be applied through research, evaluation, validation, written, and oral communication. Leadership development and teamwork skills will be stressed as students work independently and collaboratively. Presentation skills will be developed and modeled for students master presentation software in this course.</p> <p>Business Communications is the third course in the Business and Technology pathway in the Business Management and Administration cluster. Students enrolled in this course should have successfully completed Introduction to Business and Technology and Business and Technology. After mastery of the standards in this course, students should be prepared to take the end of pathway assessment in this career area.</p>	10-12	1 UNIT	Introduction to Business & Technology and Business & Technology

INFORMATION TECHNOLOGY PROGRAMMING, COMPUTER SCIENCE AND WEB & DIGITAL DESIGN PATHWAYS				
11.4150099	<p>INTRODUCTION TO DIGITAL TECHNOLOGY: Introduction to Digital Technology is the foundational course for Web & Digital Communications, Programming, Advanced Programming, Information Support & Services, and Network Systems pathways. This course is designed for high school students to understand, communicate, and adapt to a digital world as it impacts their personal life, society, and the business world. Exposure to foundational knowledge in hardware, software, programming, web design, IT support, and networks are all taught in a computer lab with hands-on activities and project-focused tasks. Students will not only understand the concepts, but apply their knowledge to situations and defend their actions/decisions/choices through the knowledge and skills acquired in this course. Competencies in the co-curricular student organization, Future Business Leaders of America (FBLA), are integral components of both the employability skills standards and content standards for this course. Professional communication skills and practices, problem-solving, ethical and legal issues, and the impact of effective presentation skills are taught in this course as a foundational knowledge to prepare students to be college and career ready. The knowledge and skills taught in this course build upon each other to form a comprehensive introduction to digital world.</p>	9-12	1 UNIT	NONE Prerequisite for Web & Digital Communications, Programming, and Advanced Programming pathways
WEB AND DIGITAL DESIGN				
11.4310099 (formerly Fund Web Design)	<p>DIGITAL DESIGN: Using web design as the platform for product design and presentation, students will create and learn digital media applications using elements of text, graphics, animation, sound, video and digital imaging for various format. The digital media and interactive media projects developed and published showcase the student skills and ability. Emphasis will be placed on effective use of tools for interactive multimedia production including storyboarding, visual development, project management, digital citizenship, and web processes. Students will create and design web sites that incorporate digital media elements to enhance content of web site. Students enrolled in this course should have successfully completed Introduction to Digital Technology and Fundamentals.</p>	10-12	1 UNIT	INTRODUCTION TO DIGITAL TECHNOLOGY
11.4320099 (formerly Advanced Web Design)	<p>WEB DESIGN: Taking this course will equip students will the ability to plan, design, and create a web site. Students will move past learning how to write code and progress to designing a professional looking web site using graphical authoring tools that contains multimedia elements. Working individually and in teams, students will learn to work with web page layout and graphical elements to create a professional looking web site. Web Design is the third course in the Web & Digital Design pathway in the Information Technology cluster. After mastery of the standards in this course, students should be prepared to take the end of pathway assessment in this career area.</p>	10-12	1 UNIT	Introduction to Digital Technology & Digital Design

COURSE #	COURSE/DESCRIPTION	GRADE	CREDIT	PREREQUISITE
PROGRAMMING				
11.4180099 (formerly Computer Programming)	<p>COMPUTER SCIENCE PRINCIPLES: This course emphasizes the content, practices, thinking and skills central to the discipline of computer science. Through both its content and pedagogy, this course aims to appeal to a broad audience. The focus of this course will fall into these computational thinking practices: connecting computing, developing computational artifacts, abstracting, analyzing problems and artifacts, communicating, and collaborating.</p> <p>Computer Science Principles is the second course in the pathways Programming and Computer Science in the Information Technology Cluster. Students enrolled in this course should have successfully completed Introduction to Digital Technology.</p>	10-12	1 UNIT	Introduction to Digital Technology & CCGPS COORDINATE ALGEBRA
11.4210099 (formerly Intermediate Programming)	<p>PROGRAMMING, APPS, GAMES, AND SOCIETY: The course is designed for high school students to strategize, design, and develop games and mobile and desktop applications that can be produced in the real world. Students will learn about life-cycles of project development and use models to develop applications. Attention will be placed on how user interfaces affect the usability and effectiveness of a game or an application. Programming constructs will be employed which will allow students' applications to interact with "real world," stimuli. The course exposes students to privacy, legality, and security considerations with regards to the software industry. Programming, Games, Apps and Society is the third course in the Programming pathway in the Information Technology cluster. Students enrolled in this course should have successfully completed Introduction to Digital Technology and Computer Science Principles. After mastery of the standards in this course, students should be prepared to take the end of pathway assessment in this career area. The focus of the course is on the features that support the design and implementation of well-structured programs that are easy to read and maintain. Database overview and integration of database is also part of this course. This course covers the design and implementation of Java programs for the first 9 weeks. The second 9 weeks is project based assignments and is not language specific. These projects may include Gaming (C++), Web Programming (Java, JavaScript) and/or Java GUI (Graphical User Interface) with a database. This is the third course in the Computing Programming Pathway.</p>	10-12	1 UNIT	Introduction to Digital Technology, CCGPS COORDINATE ALGEBRA, AND Computer Science Principles

COURSE #	COURSE/DESCRIPTION	GRADE	CREDIT	PREREQUISITE
	COMPUTER SCIENCE			
11.4160095	AP COMPUTER SCIENCE Y: This is the third course in the Computer Science Pathway. AP Computer Science is a one-unit course that emphasizes programming methodology and data abstractions. It takes an object-oriented approach to programming based on encapsulating procedures and data. AP Computer Science is taken in order to prepare students to take the College Board AP Computer Science AB exam. This course uses the Java programming language.	11-12	1 UNIT	Introduction to Digital Technology, CCGPS Analytic Geometry, and Computer Science Principles
	ENGINEERING & TECHNOLOGY PATHWAY			
21.4250099	FOUNDATIONS OF ENGINEERING AND TECHNOLOGY: The Foundations of Engineering and Technology is the introductory course for the Engineering and Technology Education pathways. This STEM driven course provides the students with an overview of engineering and technology including the different methods used in the engineering design process developing fundamental technology and engineering literacy. Students will demonstrate the skills and knowledge they have learned through various project based activities while using an engineering design process to successfully master the “E” in STEM	9-12	1 UNIT	Completed GPS Alg. or enrolled in Acc. CCGPS Coord. Alg/Analytic Geo. OR Teacher Recommendation
21.4710099	ENGINEERING CONCEPTS: Engineering Concepts is the second course in the Engineering Pathway. This course introduces students to the fundamental principles of engineering. Students learn about areas of specialization within engineering and engineering design, and apply engineering tools and procedures as they complete hands-on instructional activities.	9-12	1 UNIT	Foundations of Engineering & Technology or Teacher Approval
21.4720099	ENGINEERING APPLICATIONS: Engineering Applications is the third course in the engineering pathway. Students have opportunities to apply engineering design as they develop a solution for a technological problem. Students use applications of mathematics and science to predict the success of an engineered solution and complete hands-on activities with tools, materials, and processes as they develop a working drawing and prototypes.	10-12	1 UNIT	Engineering Concepts or Teacher Approval
	ENGINEERING DRAFTING AND DESIGN CAREER PATHWAY			
48.5410099	INTRODUCTION TO DRAFTING AND DESIGN: The Introduction to Drafting and Design course is the foundational course under both the Engineering Drafting and Design as well as the Architectural Drawing and Design pathways and prepares students for a pursuit of any career in the field of construction, Architecture or Engineering. The course provides the basic knowledge to function safely on or around a construction site and in industry in general.	9-12	1 UNIT	CCGPS Coordinate Algebra
48.5420099	SURVEY OF ENGINEERING GRAPHICS Y: Develop skills in dimensioning, tolerancing, pictorials, sections, auxiliary views, as well as intersections and developments. CAD tools and software are used extensively throughout this course. This is the second course in the Engineer Graphics & Design pathway.	10-12	1 UNIT	Intro to Drafting and Design

COURSE #	COURSE/DESCRIPTION	GRADE	CREDIT	PREREQUISITE
48.5430099	3-D MODELING AND DESIGN Y: is designed for students who are interested in mechanical drafting areas that provide more in-depth study of mechanical design. Emphasis is placed on 3-d drawings, wire frames, rendering, solid modeling, and graphic presentations. This is the third course in the Engineering Graphics & Design pathway.	11-12	1 UNIT	Survey of Engineer Drawing
48.5440099	TECHNICAL MANUFACTURING AND CONCEPTS Y: This course allows students to develop skills in fluid drawings, electricity/electronics, working drawings, and manufacturing process.	11-12	1 UNIT	3-D Modeling and Analysis and Teacher Approval
ARCHITECTURAL DRAWING & DESIGN CAREER PATHWAY				
48.5450099	ARCHITECTURAL DRAWING AND 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, details, and foundations. This is the second course in the Engineer Drawing & Design pathway.	9-12	1 UNIT	Intro to Engineering Drawing Y
48.5460099	ARCHITECTURAL DRAWING AND DESIGN II Y: introduces students to the basic terminology, concepts, and principles of architectural design. Emphasis is placed on commercial designs, floor plans, roof designs, elevations, sections, details, and foundations. This is the second course in the Architectural Drawing & Design pathway.	10-12	1 UNIT	Intro to Engineering Drawing Y and Architectural Drawing and Design I
48.5470099	STRUCTURAL DETAILING Y: This course introduces the student to the basic terminology, concepts, and principles of commercial building construction design. Areas of study include concrete, masonry, steel and wood building construction.	12	1 UNIT	Architectural Drawing & Design II and Teacher Approval
48.5480099	CIVIL ENGINEERING DRAWING Y: This course introduces students to the basic terminology, concepts and principles of Civil Engineering Drawing. Drawing assignments emphasize the most common mapping and civil site planning design problems.	12	1 UNIT	Architectural Drawing & Design II and Teacher Approval
ELECTRONICS/TELECOMMUNICATIONS CAREER PATHWAY				
21.4520099	FOUNDATIONS OF ELECTRONICS (Electronics I) This foundational course is designed for students who are interested in careers related to the design, production, analysis, repair, and operation of devices that use electronics. Students will study and apply using project based learning activities the fundamentals of electricity and electronic systems including the theory and operation of how the basic components function, how a variety circuits are connected, and how to design these circuits	9-12	1 UNIT	Enrolled in Acc. CCGPS Coord. Alg/Analytic Geo. OR Teacher Recommendation

COURSE #	COURSE/DESCRIPTION	GRADE	CREDIT	PREREQUISITE
21.4530099	<p>ADVANCED AC and DC CIRCUITS As the second course in the Electronics Pathway, this course is designed for students interested in careers related to the design, production, analysis, repair, and operation of devices that use electronics. The course is designed around major individual and class projects that promote critical thinking, real world problem solving, and abstract reasoning that encourage the student to become an investigative lifelong learner. Students will create artifacts that demonstrate application of competencies in technical, academic, cognitive, and personal skills through daily work, team work, and homework, formative and informative assessments. The prerequisite for this course is Foundations of Electronics.</p>	9-12	1 UNIT	Foundations of Electronics
21.4540099	<p>DIGITAL ELECTRONICS: In this class students have the opportunity to apply prior learning in electronics. Applying math and science to predict the success of an engineered solution and complete hands-on activities with tools, materials, and processes as they develop functional devices and working prototypes. Basic telephone, cable, modular connectors; central office and telephone trouble-shooting prepare students for Telecommunications. Students will construct projects (CAT 5 cable testers, coax and transmission line testers along with a fiber optic tester) that will be used in Telecommunications.</p>	10-12	1 UNIT	Advanced AC & DC Circuits
10.5310099	<p>TELECOMMUNICATIONS: This course is comprised of microwave receiving and transmission, global positioning systems, and data communication. The course includes extensive hands-on instruction and curriculum delivery via leading edge on-line curriculum offered by the NIDA Corporation, which is a primary supplier of United States military telecommunications training programs. This course prepares students for continued post-secondary telecommunications education and preparation in the field of electrical engineering.</p>	10-12	1 UNIT	Digital Electronics
AUDION/VIDEO TECHNOLOGY AND FILM PATHWAY				
10.5181099 (formerly BVP I)	<p>AUDIO VIDEO TECHNOLOGY AND FILM I: This course will serve as the foundational course in the Audio & Video Technology & Film pathway. The course prepares students for employment or entry into a postsecondary education program in the audio and video technology career field. Topics covered may include, but are not limited to: terminology, safety, basic equipment, script writing, production teams, production and programming, lighting, recording and editing, studio production, and professional ethics. Skills USA, the Georgia Scholastic Press Association, Technology Student Association (TSA) and Student Television Network are examples of, but not limited to, appropriate organizations for providing leadership training and/or for reinforcing specific career and technical skills and may be considered an integral part of the instructional program. All material covered in Audio & Video Technology & Film I will be utilized in subsequent courses.</p>	9-12	1 UNIT	Online Application Required

COURSE #	COURSE/DESCRIPTION	GRADE	CREDIT	PREREQUISITE
10.5120099 (formerly BVP II)	AUDIO VIDEO TECHNOLOGY AND FILM II: This one credit course is the second in a series of three that prepares students for a career in Audio Video Technology and Film production and/or to transfer to a postsecondary program for further study. Topics include 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. Skills USA, the Georgia Scholastic Press Association, Technology Student Association (TSA) and Student Television Network are examples of, but not limited to, appropriate organizations for providing leadership training and/or for reinforcing specific career and technical skills and may be considered an integral part of the instructional program.	10-12	1 UNIT	Audio Video Technology and Film I
10.5130099 (formerly BVP III)	AUDIO VIDEO TECHNOLOGY AND FILM III: This one-credit transition course is designed to facilitate student-led projects under the guidance of the instructor. Students work cooperatively and independently in all phases of production. Skills USA, the Georgia Scholastic Press Association, Technology Student Association (TSA), and Student Television Network are examples of, but not limited to, appropriate organizations for providing leadership training and/or for reinforcing specific career and technical skills and may be considered an integral part of the instructional program.	10-12	1 UNIT	Audio Video Technology and Film II and Teacher Recommendation
PLANT AND LANDSCAPE SYSTEMS PATHWAY				
02.4710099	BASIC AGRICULTURAL SCIENCE AND TECHNOLOGY introduces the major areas of scientific agricultural production and research; presents problem solving lessons and introductory skills and knowledge in agricultural science and agri-related technologies. This is the first course in the "Plant Science/Horticulture Career Pathway."	9-12	1 UNIT	NONE
01.4610099	GENERAL HORTICULTURE AND PLANT SCIENCE Y: This course introduces the major concepts of plant and horticulture science. Students will learn how to plant, water, fertilize and propagate vegetables, flowers and other plants. Hands on activities in the greenhouse and on campus will prepare students with basic skills and knowledge to be used at home and on the job. This is the second course in the "Plant Science/Horticulture Career Pathway."	9-12	1 UNIT	NONE
01.4700099	NURSERY AND LANDSCAPE Y: This course is the study of basic landscape design with general emphasis on horticulture related topics including vegetables, flowers, shrubs, trees, and greenhouse production. This course provides students with the basic skills utilized by the green in nursery production and management and landscape design and management. industry. <i>This</i> is the 3rd course in the "Plant Science/Horticulture Career Pathway."	9-12	1 UNIT	General Horticulture

COURSE #	COURSE /DESCRIPTION	GRADE	CREDIT	PREREQUISITE
	PLANT AND FLORICULTURE SYSTEMS PATHWAY			
02.4710099	BASIC AGRICULTURAL SCIENCE AND TECHNOLOGY introduces the major areas of scientific agricultural production and research; presents problem solving lessons and introductory skills and knowledge in agricultural science and agri-related technologies. This is the first course in the "Plant Science/Horticulture Career Pathway.	9-12	1 UNIT	NONE
01.4610099	GENERAL HORTICULTURE AND PLANT SCIENCE Y: This course introduces the major concepts of plant and horticulture science. Students will learn how to plant, water, fertilize and propagate vegetables, flowers and other plants. Hands on activities in the greenhouse and on campus will prepare students with basic skills and knowledge to be used at home and on the job. This is the second course in the "Plant Science/Horticulture Career Pathway."	9-12	1 UNIT	NONE
1.46200 Spring	Floriculture Production and Management: This course is designed to introduce students to the principles and practices of floriculture production. Students will develop floriculture skills and the basic understanding necessary to be successful in entry-level positions in the floriculture industry.	10-12	1 UNIT	Basic Agriculture General Horticulture
	AGRICULTURE LEADERSHIP IN HORTICULTURE PATHWAY			
02.4710099	BASIC AGRICULTURAL SCIENCE AND TECHNOLOGY introduces the major areas of scientific agricultural production and research; presents problem solving lessons and introductory skills and knowledge in agricultural science and agri-related technologies. This is the first course in the "Plant Science/Horticulture Career Pathway.	9-12	1 UNIT	NONE
01.4610099	GENERAL HORTICULTURE AND PLANT SCIENCE Y: This course introduces the major concepts of plant and horticulture science. Students will learn how to plant, water, fertilize and propagate vegetables, flowers and other plants. Hands on activities in the greenhouse and on campus will prepare students with basic skills and knowledge to be used at home and on the job. This is the second course in the "Plant Science/Horticulture Career Pathway."	9-12	1 UNIT	NONE
1.41200 Fall	Agribusiness Management and Leadership: This course provides a foundation for students interested in pursuing a degree in agribusiness through post-secondary study or to enter the Agribusiness industry upon graduation from high school. The student will demonstrate competence in the application of principles and practices of agribusiness management and leadership.	10-12	1 UNIT	Basic Agriculture General Horticulture Any 3rd level Agriculture pathway course

COURSE #	COURSE/DESCRIPTION	GRADE	CREDIT	PREREQUISITE
	EARLY CHILDHOOD CARE & EDUCATION			
20.5210099	EARLY CHILDHOOD EDUCATION I; The Early Childhood Education I course is the foundational course under the Early Childhood Care & Education pathway and prepares the student for employment in early childhood education and services. The course addresses the knowledge, skills, attitudes, and behaviors associated with supporting and promoting optimal growth and development of infants and children.	10-12	1 UNIT	None
20.52610099	EARLY CHILDHOOD EDUCATION II: Early Childhood Education II is the second course in the Early Childhood Care and Education pathway and further prepares the student for employment in early childhood care and education services. The course provides a history of education, licensing and accreditation requirements, and foundations of basic observation practices and applications. Early childhood care, education, and development issues are also addressed and include health, safety, and nutrition education; certification in CPR/First Aid/Fire Safety; information about child abuse and neglect; symptoms and prevention of major childhood illnesses and diseases; and prevention and control of communicable illnesses.	10-12	1 UNIT	Early Childhood Education I
20.4232099	EARLY CHILDHOOD EDUCATION III is the third course in the Early Childhood Care and Education pathway and one option for program completers who may not have the opportunity of participating in the Early Childhood Education Internship. The course provides in-depth study of early brain development and its implications for early learning, appropriate technology integration, and developmentally appropriate parenting and child guidance trends. Also addressed are collaborative parent/teacher/child relationships and guidance, child directed play, the changing dynamics of family culture and diversity, the causes and effects of stress on young children, and infant nutrition.	11-12	1 UNIT	Early Childhood Education II
20.5271099	EARLY CHILDHOOD EDUCATION PRACTICUM: The practicum offers a candidate in the Early Childhood Education career pathway a field experience under the direct supervision of a certified early childhood educator (mentor). This field experience may be used as partial requirements for the candidate to earn the nationally recognized CDA credential. The practicum stresses observing, analyzing, and classifying activities of the mentor and comparing personal traits with those of successful early childhood educators. The candidate intern will develop a portfolio of their skills, plan and teach a lesson or lessons, understand and practice confidentiality as it pertains to the teaching profession, meet the needs of students with special needs, maintain the safety of the students, practice professionalism, and demonstrate ethical behavior.	11-12	1 UNIT	Early Childhood Education III

COURSE #	COURSE/DESCRIPTION	GRADE	CREDIT	PREREQUISITE
	NURITION & FOOD SCIENCE PATHWAY			
20.4161099	FOOD, NUTRITION & WELLNESS: Addresses the knowledge, skills, attitudes, and behaviors associated with good nutrition and wellness across the life span. Topics that may be addressed include a study of basic nutrients and their relationship to good health; social and psychological aspects of healthy nutrition and wellness choices; selection and preparation of nutritious meals and snacks based on the Food Guide Pyramid and Dietary Guidelines; safety, sanitation, storage, preservation and recycling processes and issues associated.	9-12	1 UNIT	NONE
20.4171043	FOOD FOR LIFE Food for Life is an advanced course in food and nutrition that addresses the variation in nutritional needs at specific stages of the human life cycle: lactation, infancy, childhood, adolescence, and adulthood including elderly. The most common nutritional concerns, their relationship to food choices and health status and strategies to enhance well-being at each stage of the lifecycle are emphasized. This course provides knowledge for real life and offers students a pathway into dietetics, consumer foods, and nutrition science careers with additional education at the post-secondary level.	9-12	1 UNIT	Food, Nutrition & Wellness
20.4181043	FOOD SCIENCE: Food science integrates many branches of science and relies on the application of the rapid advances in technology to expand and improve the food supply. Students will evaluate the effects of processing, preparation, and storage on the quality, safety, wholesomeness, and nutritive value of foods. Building on information learned in Nutrition and Wellness and Chemistry, this course illustrates scientific principles in an applied context, exposing students to the wonders of the scientific world.	10-12	1 UNIT	Food for Life
	CULINARY ARTS			
20.5310099	INTRODUCTION TO CULINARY ARTS: Introduction to Culinary Arts is a course designed to introduce students to fundamental food preparation terms, concepts, and methods in Culinary Arts where laboratory practice will parallel class work, fundamental techniques, skills, and terminology are covered and mastered with an emphasis on basic kitchen and dining room safety, sanitation, equipment maintenance and operation procedures. Course also provides an overview of the professionalism in the culinary industry and career opportunities leading into a career pathway to Culinary Arts.	9-12	1 UNIT	NONE
20.5321099	CULINARY ARTS I: Culinary Arts 1 is designed to create a complete foundation and understand of Culinary Arts leading to postsecondary education or a foodservice career. Building from techniques and skills learned in Foundation of Culinary Arts, this fundamentals course beings to involve in-depth knowledge and hands on skill mastery of Culinary Arts.	9-12	1 UNIT	Intro To Culinary Arts
20.5331099	CULINARY ARTS II: Culinary Arts 2 is an advanced and rigorous in-depth course designed for the student who has continued the Culinary Arts Pathway and wishes to continue their education at the postsecondary level or enter the foodservice industry as a proficient and well-rounded individual. Strong importance is given to refining hands on production of the classis fundamentals in the commercial kitchen.	10-12	1 UNIT	Culinary Arts I

COURSE #	COURSE/DESCRIPTION	GRADE	CREDIT	PREREQUISITE
20.0372099 (I) 20.0382099 (II)	WORK PROGRAM FOR CULINARY ARTS: Offers a work-based curriculum through employment in a community business. Students are released daily (4th block) for community based employment/training in foodservice related job. An average of 15 on-the-job hours is required during each school week for 1 unit of credit. Only junior and senior may submit an application. Personal means of transportation to employment site is required.	11-12	1 UNIT	Culinary Arts Teacher Approval
	THERAPEUTIC SERVICES/PATIENT CARE CAREER PATHWAY			
25.5210099	INTRO TO HEALTHCARE SCIENCE: This course is a foundation course for ALL of the Healthcare Science courses offered at Wheeler High School. It is designed to introduce students to a variety of healthcare delivery systems and the career opportunities available in each. It also helps students develop skills and attitudes necessary to succeed in the healthcare industry. Students will learn medical terminology, microbiology, and safety skills regulated by OSHA. Students will also learn basic first aid and basic life support.	9-12	1 UNIT	NONE
	THERAPEUTIC SERVICES/ALLIED HEALTH AND MEDICINE			
25.5220099 LEVEL II	ESSENTIALS OF HEALTHCARE: The Essentials of Healthcare is a medical-focused anatomy course addressing the physiology of each body system, along with the investigation of common diseases, disorders and emerging diseases. The prevention of disease and the diagnosis and treatment that might be utilized are addressed, along with medical terminology related to each system. This course provides an opportunity to demonstrate technical skills that enforce the goal of helping students make connections between medical procedures and the pathophysiology of diseases and disorders.	9-12	1 UNIT	Intro to Healthcare Science
25.5250099 LEVEL IV	ALLIED HEALTH AND MEDICINE: This course is designed to offer students (preferably upper classmen - juniors or seniors) the opportunity to become effective and efficient multi-skilled healthcare providers as they develop a working knowledge of various allied health opportunities. Students focusing on a career path in the healthcare field may apply classroom/lab knowledge and skills in the clinical setting as they participate in direct or simulated client care. The curriculum allows instructors to provide options for classroom/student growth opportunities in area(s) of interest to the student. These options may be determined by community need, available resources, and/or student interest, etc. This course was developed according to a basic 50-minute class time frame, but may be adjusted according to local system schedules. Instructors may select which classroom content standards 1-14 best meet his/her individual classroom needs in addition to the required clinical/capstone project to equal total class time available for the course.	11-12	1 UNIT	Essentials of Healthcare

COURSE #	COURSE/DESCRIPTION	GRADE	CREDIT	PREREQUISITE
	THERAPEUTIC SERVICES/EMERGENCY MEDICAL RESPONDER			
25.5620099 LEVEL III	<p>EMERGENCY MEDICAL RESPONDER: The Emergency Medical Responder (EMR) course prepares the student to provide initial stabilizing care to the sick or injured prior to the arrival of Emergency Medical Services Professionals (EMS), and to assist EMS personnel in transporting patients for definitive care at an appropriate hospital/facility. Major areas of instruction include Introductory Medical Terminology and Anatomy & Physiology; Responder Safety; Incident Command; Blood-borne Pathogen Training; Basic Physical Assessment; and Treatment of Trauma and Medical Emergencies; Cardiopulmonary Resuscitation and the use of Automatic External Defibrillators (AEDs). The course is a blend of lecture, hands on lab/learning, and practical scenario-based learning/testing.</p> <p>The course will include Healthcare Provider CPR/AED Certification from a Nationally-Recognized Body (American Heart Association or Red Cross, etc.). If this course is also approved by the Georgia State Office of Emergency Medical Services and Trauma (SOEMST), successful completion will allow the student to be eligible to take the National Registry of Emergency Medical Technicians (NREMT) Emergency Medical Responder (EMR) certification.</p>	11-12	1 UNIT	Essentials of Healthcare
	JROTC CAREER PATHWAY			
28.4110099 Fall	JROTC AIR FORCE I: This course begins the study and practice of leadership. This includes military heritage, organization, traditions and their relationship to the mission of business and the importance of teamwork. Personal behavior and responsibility are studied to develop ethics and time management skills. The examination of flight and its relationship to current events begins with the heritage of flight and proceeds through WWII.	9-10	1 UNIT	Approval of ROTC instructors
28.4120099 Spring	JROTC AIR FORCE II: The study and practice of leadership continues with the study of government and citizenship in the United States to include customs, courtesies duties and rights, and different forms of government throughout the world. The study of aviation history also continues with the post WWII years and progresses through Desert Shield/Desert Storm.	9-10	1 UNIT	JROTC Air Force I and Approval of ROTC instructors
28.4130099 Fall	JROTC AIR FORCE III: Intercommunication skills and corps activities are emphasized in this year of leadership study. The course begins with developing an understanding of the purpose of and preparing oral and written communication. Study develops understanding of individual behavior to include personality, emotions, defense mechanism, and value systems. Aerospace sciences are also studied. The cadet begins with developing knowledge of the atmosphere and proceeds through weather elements, forecasting, physiology of flight, aerospace medicine, human engineering, and the development of protective equipment and simulators.	10-12	1 UNIT	AFJROTC II or Departmental Recommendation

COURSE #	COURSE/DESCRIPTION	GRADE	CREDIT	PREREQUISITE
28.4140099 Spring	JROTC AIR FORCE IV: Intercommunication and corps skills development continues. Emphasis is placed on understanding group behavior and basic leadership concepts. Study begins with qualities and principles necessary for effective leadership and continues through situational leadership, follower ship and building teamwork. Aerospace science begins with basic aeronautics and continues through understanding aircraft motion and control. Basic engine principles, facts and general operating principles of rocket engines, civilian and military aerospace vehicles, and principles of navigation.	10-12	1 UNIT	AFJROTC III or Departmental recommendation
28.4150099 Fall	JROTC AIR FORCE V: Leadership education emphasized life skills. Study begins with understanding benefits of higher education and the importance of obtaining a higher degree or skill after high school to include development of an understanding of the college selection process and financial aide. Emphasis then moves to the job search. Comprehension of the job search process and the skills requirements to the application process are the foundation used to develop resume skills and interviewing techniques. The study of the exploration of space starts with rocket boosters and orbital mechanics. Then it moves to American space programs and their development to include man’s journey to the Moon. From there, our solar system and the origins of space are studied.	11-12	1 UNIT	AFJROTC IV or Departmental recommendation
28.4160099 Spring	JROTC AIR FORCE VI: Life skills student continues with financial planning; its background, the credit trap, banking and spending decisions, savings, investments and insurance, and the development of real life issues, understanding to include citizenship responsibilities. From here, career opportunities are studied with research into selecting the right career path and development of a basic understanding of federal government employment to include the military and the aerospace industry. Exploration of space studies continues with what it takes to survive and live in space along with development of an understanding of the physiological results of manned space flight. Emphasis turns to the development of the space shuttle, commercial use of the space program and the development of space stations.	11-12	1 UNIT	AFJROTC V or Departmental recommendation
28.4170099 Fall	JROTC AIR FORCE VII: The course emphasizes the principles of management. Study begins with management history, its importance, principles and functions. Then emphasis moves to developing a comprehension of personal coping mechanisms for conflicts in values and comprehension of management skills, roles, and performance that influences managerial b behavior. This includes learning the importance of delegation skills and their uses.	11-12	1 UNIT	AFJROTC VI or Departmental recommendation
28.4180099 Spring	JROTC AIR FORCE VIII: Principles of management study continues with management problem solving, decision making, negotiation, and mentoring. From here, emphasis is placed on the management of self and others. This area first looks at the management of self-development and then moves on to time management, information management, people management, and an understanding of the importance of people skills.	11-12	1 UNIT	AFJROTC VII or Departmental recommendation

COURSE #	COURSE/ DESCRIPTION	GRADE	CREDIT	PREREQUISITE
28.4180096	JROTC AIR FORCE VIIIA: The “Cultural Studies” course is an introduction to global awareness as it pertains to today’s socio-economic environment. The course begins with an introduction to the Middle East as the Cradle of Western Civilization to include religion, and different groups of people. It then moves into the Arab-Israeli Conflict, the Persian Gulf Wars, Islamic Fundamentalism/Terrorism, Asia and Africa. Principles of emphasis moves to developing a comprehension of coping mechanisms and skills, rolls, and performance that influences managerial behavior.	12	.5 Unit	AFJROTC Recommendation
28.4180097	JROTC AIR FORCE VIIIB: Global Awareness Study continues with Russia and the former Soviet Republics, Latin America, and Europe. National, Regional, and different groups are studied with an insight into cultures, history, and socio-economic interests. Principles of Management study continues with management problem solving, decision making, negotiation, and mentoring. From here, emphasis is placed on the management of self and others. This includes self-development, time management, information management, people management, and the importance of people skills.	12	.5 Unit	AFJROTC Recommendation

CAREER TECHNICAL MENTORSHIP AND INTERNSHIP

COURSE #	COURSE/ DESCRIPTION	GRADE	CREDIT	PREREQUISITE
70.0110099 (I) 70.0120099 (II) 70.0110096 (.5 F) 70.0110097 (.5 S)	CAREER TECHNICAL MENTORSHIP I and II: Interested in being an aide in one of the administrative offices? This course is designed to provide the student with skills required for successful performance in an administrative support position. This course will include training and work based experience in a school office environment. Students may earn up to <u>2 units</u> . Minimum day and internship students will not be considered for this program.	11-12	1 UNIT	Application 3.0 GPA Good discipline record
70.0210099--I 70.0220099--II 70.0230099--III 70.0240099--IV	INTERNSHIP I, II, III AND IV: Opportunities exist for selected students who wish to explore specific career fields with on-site mentors in community business settings. The Work-based Coordinator visits the job mentor to assess student performance and supervises the student in job search skill development. The student maintains a weekly journal, records of weekly hours on the job and must complete program participation forms. Only juniors and seniors may submit an application. Personal means of transportation to internship site is required. Students leave campus after third block.	11-12	1 UNIT EACH	On Track for Graduation Must have own transportation Application from Counselor