



CREEKVIEW
HIGH SCHOOL

COURSE DESCRIPTION GUIDE CONTENT

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******HOPE eligible courses

ENGLISH DEPARTMENT

Rubric Used for Eighth to Ninth Grade English Placement

Course Selections	Criteria
ESOL	Determined by English Language Proficiency Level
9 th Lit/Comp	Students who have passed 8 th grade Language Arts
9 th Lit/Comp Honors	For Advanced/gifted students who have an 85 or above average For regular CP students who have a 95 or above, along with a 90% or above on GCRCT and ITBS, and teacher recommended

While placement in Honors Courses is data driven, there are necessary personal skills needed for success in these classes. If a student does not have the personal skills needed, they will not be successful simply because the data qualifies them for an honors course. When choosing an honors curriculum for your student, please make sure he/she has the necessary personal skill.

Honors Level Students Placement is data driven and predicated on

- Y ITBS Test Scores
- Y Current Grades
- Y Rubric for course placement

Necessary Personal Skill needed for success

- Y Self-motivated
- Y Works Independently
- Y Good Time Management Skills
- Y Strong Work Ethic

FLOW CHART	Grade 9	Grade10	Grade 11	Grade 12
Reg. Lit/comp Track	9 th Lit/Comp	10 th Lit/Comp (Student has passed 9 th Lit/comp)	American Lit/Comp (Student has passed 10 th Lit/comp)	English Lit/Comp Advanced Comp (Student passed Amer Lit)
	Regular Lit/Comp Track students may move to an Honors Level class if: <ul style="list-style-type: none"> • Student has a 95 or above at end of semester • Current English teacher recommendation Honors Level Lit/Comp Students may be recommended for Reg. level placement for subsequent courses if: <ul style="list-style-type: none"> • Student does not maintain an 85 in Honors level course 			
Honors Lit/comp Track	Honors 9 th Lit/Comp (For students who have an 85 or above average, 90% ITBS, current teacher recommendation)	Honors 10 th Lit/Comp (For students who have an 85 or better in H 9 th Lit/Comp)	Honors American Lit/Comp (85 or better in H 10 th Lit/Comp) AP English Language (90 or better in H 10 th Lit)	AP English Lit/Comp (For students who have an 85 or better in H American Lit/Comp)

English Department Courses

****9th Grade Literature/Composition**

Course Number: College Prep: 23.0610000; Honors: 23.0610040; Honors-Gifted: 23.2610040; Remedial: 23.1610010; Special Ed Team Taught: 23.9610000; Special Ed Resource: 23.8610000

Course Description: Integrates writing, grammar and usage, literature, speaking, listening, and critical thinking skills. Presents the writing process: planning, drafting, revising, editing, and proofing; the study of form in personal narratives, descriptions, and expository papers with emphasis on persuasive writing. Includes reading a variety of multicultural literature: short stories, novels, tales, poetry, mythology, drama, and nonfiction. Emphasizes oral and written response to literature, distinguishing characteristics of various genres. Literary elements, and vocabulary study.

Prerequisite(s): Placement by Middle School Teachers

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 9

EOCT: Yes

****10th Grade Literature/Composition**

Course Number: College Prep: 23.0620000; Honors: 23.0620040; Honors-Gifted: 23.2620040; Remedial: 23.1620010; Special Ed Team Taught: 23.9620000; Special Ed Resource: 23.8620000

Course Description: Develops personal narrative, expository, and persuasive writing skills and includes grammar, mechanics, and usage. Introduces a variety of authors and selections from world literature, poetry, short stories, novels, drama, and classical mythology. Engages students in the research process. Stresses vocabulary development and requires written literary analysis through discussion of the elements of literature. Develops thinking, organizing, interpersonal communication (both verbal and nonverbal), and use of analogies, metaphors and their application to writing.

Prerequisite(s): 9th Lit/Comp

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 10

EOCT: No

****American Literature/Composition**

Course Number: Course Number: College Prep: 23.0510000; Honors: 23.0510040; Honors-Gifted: 23.2510040; Remedial: 23.1510010; Special Ed Team Taught: 23.9510000; Special Ed Resource: 23.8510000

Course Description: Offers opportunities to improve reading, writing, speaking/listening, and critical thinking skills through the study of American literature. Includes a variety of literary genres and multicultural writers in a chronological or thematic pattern. Emphasizes developing control in expository writing (thesis support), moving toward precision in personal narrative, descriptive, and persuasive writing. Refines research skills. Integrates grammar, mechanics, and usage into the writing process.

Prerequisite(s): 10th Lit/Comp

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 11

EOCT: Yes

****English Literature/Composition**

Course Number: College Prep: 23.0520000; Remedial: 23.1520010; Special Ed Team Taught: 23.9520000; Special Ed Resource: 23.8520000

Course Description: Offers opportunities to improve reading, writing, speaking/listening, and critical thinking skills through the study of literary selections from British/English writers organized chronologically or thematically. Emphasizes developing control in expository writing (thesis support), moving toward precision in personal narrative, descriptive, and persuasive writing. Refines research skills.

Prerequisite(s): American Lit

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 12

EOCT: No

****Advanced Composition**

Course Number: 23.0340000

Course Description: This 12th grade course is a year-long alternative to the English Literature course already required of seniors. College-bound seniors who need more focused and intensive instruction in writing should register for this course. Its emphasis is the in-depth study of and practice with grammar and writing that students will need to be successful in freshman composition courses in college. Curriculum includes advanced grammar, both expository and argumentative writing, research skills, and an inquiry-based senior project. A textbook is not required for the course, but if one is used, it should be a college-level text from a representative freshman composition course.

Prerequisite(s): American Lit

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 12

EOCT: No

****AP English Language**

Course Number: 23.0530050; Gifted: 23.2530050

Course Description: This course focuses on the study of American literature, writing modes and genres, and essential conventions for reading, writing, and speaking. Students develop an understanding of the ways the period of literature affects its structure and how the chronology of a work affects its meaning

Prerequisite(s): Placement

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 11

EOCT: Yes

****AP Literature/Composition**

Course Number: 23.0650050; Gifted: 23.2650050

Course Description: Conforms to the college board recommendations for the AP Literature and composition Examination. Covers the study and practice of writing and the study of literature. Stresses modes of discourse, assumptions underlying rhetorical strategies, connotation, metaphor, irony, syntax, and tone. Emphasizes writing critical analyses of literature and includes essays in exposition and argument, poetry, drama, prose fiction, and expository literature.

Prerequisite(s): Placement

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 12

EOCT: No

****Journalism**

Course Number: 23.0320070

Course Description: Explores journalistic writing through analysis of newspapers and broadcast journalism publications; concentrates on purpose, influence, structure, and language use through reading, writing, and critical thinking. Covers news gathering, ethics, copy writing, editing, and revising. May include typesetting, circulation, and production as minor aspects if a publication is produced.

Prerequisite(s): Approval of Instructor

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 10, 11, 12

EOCT: No

****Yearbook**

Course Number: 23.0320080

Course Description: Explores journalistic writing through analysis of yearbooks, literary magazines and broadcast journalism publications; concentrates on purpose, influence, structure, and language use through reading, writing, and critical thinking. Covers news gathering, ethics, copy writing, editing, and revising. May include typesetting, circulation, and production as minor aspects if a publication is produced.

Prerequisite(s): Approval of Instructor

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 10, 11, 12

EOCT: No.

ESOL Courses

****ESOL I**

Course Number: 23.0910000

Course Description: Focuses on interpersonal communication, school and survival skills, through short responses within structured contexts and participation in simple conversations. Focuses on fundamental skills, such as basic grammar and vocabulary, in all four language areas: speaking, listening, reading, and writing. Includes high-frequency vocabulary drawn from content areas. Familiarizes students with appropriate learning strategies for all classes including dictionary skills. Introduces United States culture.

Prerequisite(s): Placement

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 9, 10, 11, 12

EOCT: Yes

****ESOL II**

Course Number: 23.0920000

Course Description: Integrates listening and speaking, reading and writing, grammar and usage. Uses all language skills to gain further knowledge of United States culture in contextualized settings. Emphasizes sustained interpersonal communication of ideas, personal and safety needs, plus cognitive-academic language proficiency. Increases skills in comprehension of content areas including: use of thesaurus, glossary, dictionary, contextualized guessing at meaning, and test taking strategies. Introduces the writing processes of planning, drafting, revising, editing, and proofing. Highlights world literature (essays and other nonfiction, short stories, novels, folktales, poetry, mythology, and drama), and authentic texts (newspapers, magazines, labels, directions, etc).

Prerequisite(s): Placement

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 9, 10, 11, 12

EOCT: No

****ESOL III**

Course Number: 23.0930000

Course Description: Presents the English language in more complex, cognitively demanding situations. Emphasizes comprehension of detailed information with fewer contextual clues on unfamiliar topics. Encourages production, initiation, and sustaining of spontaneous language interactions, using circumlocution when necessary. Includes interaction with increasingly complex written material such as descriptive, personal narrative, and expository writing which includes grammar, mechanics, and rhetorical coherence in written assignments. Interjects authors and selections from American and British literature; poetry, short stories, novels and drama. Incorporates writing to satisfy social and academic needs. Stresses vocabulary development. Encourages expression of complex feelings, needs, and opinions in speaking and writing.

Prerequisite(s): Placement

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 9, 10, 11, 12

EOCT: Yes

****ESOL IV**

Course Number: 23.0940000

Course Description: Emphasizes effective oral and written communication with various audiences on a wide-range of familiar and new topics. Builds comprehension of concrete and abstract topics, as well as recognition of language subtleties (registers) in a variety of communicative settings. Develops reading at or near grade level with a limited number of comprehension difficulties. Stresses full participation at or near grade level in all content areas. Emphasizes the process of writing, including planning, drafting, and revising. Includes assignments on different modes of discourse: expository, persuasive, narrative, and descriptive. Reviews grammar, mechanics, usage and spelling. Develops vocabulary and comprehension intensively and extensively.

Prerequisite(s): Placement

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 9, 10, 11, 12

EOCT: No

Special Needs Course

****Basic Reading and Writing 1**

Course Number: 23.9830000

Course Description: This course is designed to strengthen basic reading and writing skills. Emphasis is placed on word attack skills, vocabulary, increasing reading comprehension levels, and learning strategies to improve one's reading skills. Students are encouraged to become active readers through a variety of reading experiences. The students will be guided through the writing process and a wide variety of writing strategies will be implemented to improve the student's overall writing skills.

Prerequisite(s): Placement

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 9

EOCT: No

FOREIGN LANGUAGE DEPARTMENT

French Courses

****French I**

Course Number: 60.0110000

Course Description: Introduces the French language; emphasizes all skills: listening, speaking, reading, and writing in an integrated way. Includes how to greet and take leave of someone, to ask and respond to basic questions, to speak and read within a range of carefully selected topics and to develop an understanding of French-speaking cultures.

Prerequisite(s): None

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 9, 10, 11

****French II**

Course Number: 60.0120000

Course Description: Enhances Level One skills in French and provides opportunities to develop listening, speaking, reading, and writing skills in an integrated way. Provides continued practice in how to greet and take leave of someone, to ask and respond to basic questions, and to speak and read within a range of carefully selected topics. Provides opportunities to increase understanding of French-speaking cultures.

Prerequisite(s): French I

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 10, 11, 12

****French III Honors**

Course Number: 60.0130050

Course Description: Enhances Level Two skills in French and provides further opportunities to increase listening, speaking, reading, and writing skills in an integrated way. Provides continued practice in previous topics and introduces new topics; offers further opportunities to increase understanding of French-speaking cultures.

Prerequisite(s): French II

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 11, 12

****French IV Honors**

Course Number: 60.0140050

Course Description: Enhances Level Three skills in French and provides further opportunities to increase listening, speaking, reading, and writing skills in an integrated way. Provides continued language development through exploration of familiar and unfamiliar topics and provides opportunities to develop a broader and more extensive understanding of French-speaking cultures.

Prerequisite(s): French III

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 12

Spanish Courses

****Spanish I**

Course Number: 60.0710000

Course Description: Introduces the Spanish language; emphasizes all skills: listening, speaking, reading, and writing in an integrated way. Includes how to greet and take leave of someone, to ask and respond to basic questions, to speak and read within a range of carefully selected topics and to develop an understanding of Spanish-speaking cultures.

Prerequisite(s): None

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 8, 9, 10, 11

****Spanish II/Spanish II Honors**

Course Number: 60.0720000/60.0720050

Course Description: Enhances Level One skills in Spanish and provides opportunities to develop listening, speaking, reading, and writing skills in an integrated way. Provides continued practice in how to greet and take leave of someone, to ask and respond to basic questions, and to speak and read within a range of carefully selected topics. Provides opportunities to increase understanding of Spanish-speaking cultures.

Prerequisite(s): Spanish I

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 9, 10, 11, 12

****Spanish III/Spanish III Honors**

Course Number: 60.0730000/60.0730050

Course Description: Enhances Level Two skills in Spanish and provides further opportunities to increase listening, speaking, reading, and writing skills in an integrated way. Provides continued practice in previous topics and introduces new topics; offers further opportunities to increase understanding of Spanish-speaking cultures.

Prerequisite(s): Spanish II

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 10, 11, 12

****Spanish IV Honors**

Course Number: 60.0740050

Course Description: Enhances Level Three skills in Spanish and provides further opportunities to increase listening, speaking, reading, and writing skills in an integrated way. Provides continued language development through exploration of familiar and unfamiliar topics and provides opportunities to develop a broader and more extensive understanding of Spanish-speaking cultures.

Prerequisite(s): Spanish III

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 11, 12

****AP Spanish Language**

Course Number: 60.0780050

Course Description: The AP Spanish Language and Culture course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP Spanish Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in Spanish.

Prerequisite(s): Spanish IV

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 12

American Sign Language

****American Sign Language 1**

Course Number: 64.0310001/2

Course Description: Students will

Exchange simple information in the sign language, utilizing cultural references where appropriate.

Comprehend signed and non-manual markers to understand simple messages in sign language.

Present information in sign language that contains a variety of vocabulary, phrases, and patterns.

Perform brief, rehearsed material in sign language, such as dialogues, skits, and poetry.

Compare the deaf culture studied and the students' own culture.

Compare basic elements of sign language to the English language.

Identify situations and resources in which sign language skills and cultural knowledge may be applied beyond the classroom setting for recreational, educational, and occupational purposes.

Prerequisite(s): None

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 9, 10, 11

****American Sign Language 2**

Course Number: 64.0320001/2

Course Description: This course continues the study and practice of basic skills initiated in ASL 1. It emphasizes comprehending, signing, developing receptive skills, and using the glossing system for written ASL. Interactive and extracurricular activities increase understanding of ASL and the deaf culture. This course requires active participation.

Prerequisite(s): American Sign Language 1

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 10, 11, 12

MATHEMATICS DEPARTMENT

Rubric Used for Placement of Eight Grade Students in High School Math Curriculum

	0 Points	1 Point	2 Points	3 Points
1 st Semester 8 th grade Math Grade	≤ 75	76-82	83-94	95+
Placement Exam	$\leq 69\%$	70%-79%	80%-89%	$\geq 90\%$
ITBS Math Total Score	35 or below Percentile	36 – 50 Percentile	51 – 85 Percentile	86 + Percentile
GCRCT 7 th Grade	≤ 800	801 – 820	821 – 849	850+

Math Department Flow Chart

Students Entering HS 2008—2011	Grade 9	Grade 10	Grade 11	Grade 12
Entering HS with no Math credit	GPS Algebra & additional Support Class (Rubric Score 0 – 3)	GPS Geometry & additional Support Class	GPS Adv. Algebra & additional Support Class	Math of Finance (non 4-year college) Pre-Calculus > 80 AMDM < 80
	GPS Algebra (Rubric Score 4 – 10)	GPS Geometry	GPS Adv. Algebra	Pre-Calculus > 80 AMDM < 80
	Acc. Algebra/Geom (Rubric Score: 11—12)	Acc. Geom/Adv. Alg	Acc. Pre-Calculus AP Statistics (Elective)	AP Calculus AB or AP Statistics
Entering HS with Accelerated 1 credit	Acc. Geom/Adv. Alg	Acc. Pre-Calculus AP Statistics (Elective)	AP Calculus AB AP Statistics (Elective)	AP Calculus BC or AP Statistics
Students Entering HS 2012-current	Grade 9	Grade 10	Grade 11	Grade 12
Entering HS with no Math credit (Class of 2016)	Coordinate Algebra & add'l Support Class (Rubric Score: 0—3)	Analytic Geometry & add'l Support Class	Advanced Algebra & add'l Support Class	Math of Finance (non 4-year college) Pre-Calculus > 80 AMDM < 80
	Coordinate Algebra (Rubric Score: 4—10)	Analytic Geometry	Advanced Algebra	Pre-Calculus > 80 AMDM < 80
	Acc. Alg/Geometry (Rubric Score: 11—12)	Acc. Geom/Adv. Alg.	Acc. Pre-Calculus AP Statistics (Elective)	AP Calculus AB or AP Statistics
Entering HS with Accelerated 1 Credit (Class of 2016)	Acc. Geom/Adv. Alg	Acc. Pre-Calculus AP Statistics (elective)	AP Calculus AB AP Statistics (Elective)	AP Calculus BC or AP Statistics

Mathematics Department Courses

****CCGPS Coordinate Algebra**

Course Number: 27.0810000

Course Description: 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 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.

Prerequisite(s): Successful completion of 8th Grade Mathematics

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 9

EOCT: Yes

****CCGPS Coordinate Algebra Support**

Course Number: 27.0440000

Course Description: CCGPS Coordinate Algebra Support is designed to be an extension of the CCGPS Coordinate Algebra class. The idea of a support class is to supplement the material that has been taught along with previewing material that will be introduced in the future. For the purposes of this support, students will have opportunities to practice skills covered in CCGPS Coordinate Algebra, complete tasks in a more conducive amount of time, and become familiar with new ideas and topics that they will formally learn in a later CCGPS Coordinate Algebra class.

Prerequisite(s): Placement

Credit: .5 per semester for 2 semesters-no math credit

Year(s) the course can be taken: 9

EOCT: No

****Accelerated CCGPS Coordinate Algebra/Analytic Geometry A**

Course Number: 27.0910040

Course Description: The fundamental purpose of Accelerated CCGPS Coordinate Algebra/Analytic Geometry A 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 next unit in the course ties 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 and rounds out the course. 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.

Prerequisite(s): Successful completion of 8th grade Mathematics; Placement

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 9

EOCT: Yes

****CCGPS Analytic Geometry**

Course Number: 27.0972000

Course Description: 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 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.

Prerequisite(s): Success completion of CCGPS Coordinate Algebra

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 10

EOCT: Yes

****CCGPS Analytic Geometry Support**

Course Number: 27.0982001

Course Description: This course is designed to be an extension of the GPS Geometry class. This course supplements the material that has been taught along with previewing material that will be introduced in the future. For the purposes of this support, students will have opportunities to practice skills covered in GPS Geometry, complete tasks in a more conducive amount of time, and become familiar with new ideas and topics that they will formally learn in a later CCGPS Analytic Geometry class.

Prerequisite(s): Placement

Credit: .5 per semester for 2 semesters-no math credit

Year(s) the course can be taken: 10

EOCT: No

****Accelerated CCGPS Analytic Geometry B/Advanced Algebra**

Course Number: 27.0976000

Course Description: The focus of Accelerated CCGPS Analytic Geometry B / Advanced Algebra 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. 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 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.

Prerequisite(s): Successful completion of Accelerated Coordinate Algebra/Analytic Geometry A

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 9, 10

EOCT: Yes

****CCGPS Advanced Algebra**

Course Number: 27.0623000

Course Description: This is the third course in a sequence of courses designed to provide students with a rigorous program of study in mathematics. It includes exponential and logarithmic functions, matrices, polynomial functions of higher degree, conic sections, and normal distributions.

Prerequisite(s): Successful completion of GPS Geometry

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 11

EOCT: No

****CCGPS Advanced Algebra Support**

Course Number: 27.0460000

Course Description: GPS Advanced Algebra Support is designed to be an extension of the GPS Advanced Algebra class. The idea of a support class is to supplement the material that has been taught along with previewing material that will be introduced in the future. For the purposes of this support, students will have opportunities to practice skills covered in GPS Advanced Algebra, complete tasks in a more conducive amount of time, and become familiar with new ideas and topics that they will formally learn in a later GPS Advanced Algebra class.

Prerequisite(s): Placement

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 11

EOCT: No

****Accelerated CCGPS Precalculus**

Course Number: 27.0960040

Course Description: A course in precalc and stats, it is designed to prepare students to take AB or BC AP Calculus. It includes rational, circular trigonometric and inverse trigonometric functions; basic trigonometric identities and the laws of sines and cosines; sequences and series; polar and parametric equations; vectors; the central limit theorem and confidence intervals.

Prerequisite(s): Accelerated Geometry/Advanced Algebra

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 10, 11

EOCT: No

****CCGPS Precalculus**

Course Number: 27.0624000

Course Description: This is a course in pre-calculus and statistics, designed to prepare students to enter college at the calculus level. It includes rational, trigonometric, and inverse trigonometric functions; basic trigonometric identities and the laws of sines and cosines; sequences and series; vectors; the central limit theorem and confidence intervals.

Prerequisite(s): Successful completion of GPS Advanced Algebra

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 11,12

EOCT: No

****Advanced Mathematical Decision Making (AMDM)**

Course Number: 27.0850000

Course Description: This is a course designed to follow the completion of Mathematics III or Accelerated Mathematics II. 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.

Prerequisite(s): Successful completion of GPS Advanced Algebra or Acc. GPS Geometry/Advanced Algebra

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 11, 12

EOCT: No

****Mathematics of Finance**

Course Number: 27.0870000

Course Description: Students will learn how algebra works within the most critical areas of finance. Students will learn about investments, credit, automobile expenses, insurance, income tax, and household budgeting. Students will explore the stock market, banking services, employment basics, budget preparation, planning for retirement, and general independent living.

Prerequisite(s): GPS Advanced Algebra

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 12

EOCT: No

****Statistical Reasoning**

Course Number: 27.0880000

Course Description: A two-semester fourth mathematics course option for students who have completed CCGPS Advanced Algebra or Accelerated CCGPS Analytic Geometry B/Advanced Algebra. The course provides experiences in statistics beyond the CCGPS sequence of courses, offering 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.

Prerequisite(s): Accelerated GPS Geometry/Advanced Algebra or GPS Advanced Algebra

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 12

EOCT: No

****AP Calculus AB**

Course Number: 27.0720050

Course Description: Follows the College Board syllabus for the AP Calculus AB Examination. Includes properties of functions and graphs, limits and continuity, differential and integral calculus.

Prerequisite(s): Accelerated Pre-Calculus or GPS Pre-Calculus with teacher recommendation

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 11, 12

EOCT: No

****AP Calculus BC**

Course Number: 27.0770000

Course Description: This course follows the College Board syllabus for the AP Calculus BC Examination. It is an extension of the AP Calculus AB course.

Prerequisite(s): Accelerated Precalculus with Teacher Recommendation or AP Calculus AB

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 11, 12

EOCT: No

****AP Statistics**

Course Number: 27.0740050

Course Description: Follows the College Board syllabus for the AP Statistics Examination. Covers four major themes: exploratory analysis, planning a study, probability, and statistical inference.

Prerequisite(s): Accelerated GPS Geometry/Advanced Algebra or GPS Advanced Algebra

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 10, 11, 12

EOCT: No

SCIENCE DEPARTMENT

	0 Points	1 Point	2 Points	3 Points
1 st Semester Science Grade	≤ 75	76-82	83-92	93-100
ITBS Score Reading Comprehension	35 or below percentile	36-50 percentile	51-85 percentile	86 + percentile
ITBS Math Total Score	35 or below percentile	36-50 percentile	51-85 percentile	86 + percentile
GCRCT Science 7 th Grade	Below 800	801-820	821-849	850+

Rubric Used for Eighth to Ninth Grade Science Placement

Science Department Flow Chart : Many Advanced Science courses require that certain math courses be as pre-requisites or at the same time. Please Also refer to the mathematics department flow chart.

Post-Secondary Plans	Grade 9	Grade10	Grade 11	Grade 12
High School Diploma or Two-year College	Biology	Physical Science	Environmental Science	Intro to Healthcare Science Application of Therapeutic Services* Engineering Applications* Earth Systems, Zoology
Four Year College Comprehensive Institutions	Biology (Algebra grade below 89)	Physical Science	Chemistry	Physics Human Anatomy/ Physiology AP Environmental Science Earth Science, Zoology *Food & Nutrition through the Lifespan *Food Science
Four Year Research College-Non Science Major	Biology (Algebra grade above 90)	Chemistry (Must be in Geometry or advanced Algebra)	Physics (Must be in Adv. Algebra) (If grade ≥ 80 →) (If grade ≤ 79 or below follow plan above)	Honors Human Anatomy/Physiology AP Physics B AP Environmental Science
Four Year Research College-Highly Selective colleges, & Science /Engineering Major	Honors Biology (If grade ≥ 80 in Honors Biology and current math follow this plan→) (If ≤ 80 follow plan in row above) ↑	Honors Chemistry (Must be in Geometry or advanced Algebra) (If ≥ 80 →) (If ≤ 80 follow plan in row above)↑	AP Biology** (See course prerequisite) AP Chemistry (must have Honors Chem) AP Environmental AP Physics B (must have completed Accelerated GPS Pre-Calc w/ 90) (If ≥ 90 →) (If ≤ 90 follow plan in row above) Physics Honors Human Anatomy/Physiology	AP Biology* * (See course prerequisite) AP Chemistry (must have Honors Chem) AP Environmental AP Physics B (must have completed Accelerated GPS Pre-Calc w/ 90) Physics Honors Human Anatomy/Physiology

****Biology or Biology Honors**

Course Number: 26.0120000 (Honors—26.0120040)

Course Description: Introduces science process skills and laboratory safety, research, nature of biology, cellular biology, biochemistry, genetics, evolution, classification, diversity of life, human body and ecology.

Prerequisite(s): Recommendation from Middle School

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 9, 10, 11, 12

EOCT: Yes

****AP Biology**

Course Number: 26.0140050

Course Description: Conforms to the College Board topics for the AP Biology Examination. The course covers biological chemistry, cells, energy transformations, molecular genetics, heredity, evolution, taxonomy and systematic. Also covered are monera, protista, fungi, plants, animals and ecology.

Prerequisite(s): Chemistry & Biology (Interview with Teacher if previous science coursework is below 90%)

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 11, 12

EOCT: No

****Environmental Science or AP Environmental Science**

Course Number: 26.0510000 (AP—26.0510050)

Course Description: Introduces science process skills and laboratory safety, historical microbiology, growth and identification of bacteria, controlling microbial growth, archaeobacteria, prokaryotes, eukaryotes, viruses, pathogenic microbiology, food and dairy microbiology, soil and water microbiology. Includes reference and research skills. The regular Environmental Science course is recommended for students planning to attend a two-year or technical college. All other students are recommended to take the AP Environmental Science.

Prerequisite(s): Biology, Physical Science or physics, and chemistry (Interview with teacher if previous science coursework grades are below 90%)

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 11, 12

EOCT: No

****Human Anatomy/Physiology or Human Anatomy/Physiology Honors**

Course Number: 26.0730000 (Honors—26.0730040)

Course Description: Covers science process skills and laboratory safety, body organization, chemistry of life, cells and tissues, homeostasis, skeletal system, muscular system, nervous system, endocrine system, circulatory system, respiratory system, digestive system, metabolism, urinary system, integumentary system and reproductive system. Includes reference and research skills.

Prerequisite(s): Biology and Chemistry with an 85 or better

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 11, 12

EOCT: No

****Physical Science**

Course Number: 40.0110000

Course Description: This course is designed as a survey course of chemistry and physics. It includes the more abstract concepts such as the conceptualization of the structure of atoms, motion and forces, and the conservation of energy and matter, the action/reaction principle, and wave behavior. Students investigate physical science concepts through experience in laboratories and field work using the process of inquiry.

Prerequisite(s): Biology

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 10, 11, 12

EOCT: Yes

****Chemistry or Chemistry Honors**

Course Number: 40.0410000 (Honors—40.0410040)

Course Description: Introduces chemistry and covers science process skills, units of chemistry, atoms and collections of atoms, periodicity and bonding, compounds and reactions, characteristics of states of matter, acid/base chemistry, chemical dynamics and equilibrium, reference, research skills and lab safety.

Prerequisite(s): For Chemistry: 80 or better in Biology and must be in GPS Geometry; Honors Chemistry: 90 or better in Honors Biology, must be in GPS advanced Algebra or Geometry

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 10, 11, 12

EOCT: No

****Advanced Placement Chemistry**

Course Number: 40.0530050

Course Description: Conforms to College Board topics for the AP Chemistry Examination. Covers atomic theory and structure, chemical bonding, nuclear chemistry, gases, liquids, solids, solutions, types of reactions, stoichiometry, equilibrium, kinetics, and thermodynamics.

Prerequisite(s): 90 or better in Honors Chemistry

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 11, 12

EOCT: No

****Physics**

Course Number: 40.0810000

Course Description: Covers basic mechanics (linear motion, Newton's laws, static forces, circular and angular motion, conservation of momentum and energy, applications of basic mechanics), kinetic theory (phases of matter, information retrieval), thermodynamics (characteristics, conservation), wave mechanics (general properties, sound, light, applications of wave mechanics), electricity (electrostatics, direct current, magnetism, alternating currents, applications of electricity), particle physics (quantum theory, subatomic and fundamental structure, applications of particle physics), and reference, research skills, lab safety, and process skills.

Prerequisite(s): Chemistry and must be in GPs advanced Algebra

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 11, 12

EOCT: No

****AP Physics**

Course Number: 40.0830050

Course Description: Conforms to College Board topics for the AP Physics B Examination. Covers kinematics, Newton's Laws of Motion, work, energy, power, systems of particles, linear momentum, rotation, oscillations and gravitation, temperature and heat, kinetic theory and thermodynamics, electrostatics, conductors, capacitors, dielectrics, electric circuits, magnetostatics, electromagnetism, waves and optics, atomic physics and quantum effects, nuclear physics, and special relativity.

Prerequisite(s): (must have completed Accelerated GPS Pre-Calculus w/ 90)

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 11, 12

EOCT: No

****Astronomy**

Course Number: 40.02100

Course Description: This course will provide the student with an introduction to the concepts of modern astronomy, the origin and history of the Universe and the formation of the Earth and the solar system. Students will compare the Earth's properties with those of the other planets and explore how the heavens have influenced human thought and action. The course gives a description of astronomical phenomena using the laws of physics. The course treats many standard topics including planets, stars, the Milky Way and other galaxies, black holes to more esoteric questions concerning the origin of the universe and its evolution and fate. Although largely descriptive, the course will occasionally require the use of sophomore-high level mathematics. Laboratory exercises include experiments in light properties, measurement of radiation from celestial sources, and observations at local observatories and/or planetariums.

Prerequisite: None

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 11,12

EOCT: No

****Earth Systems**

Course Number: 40.0640000

Course Description: Covers all aspects the layers of the earth and atmosphere as well as astronomy, oceanography, geology, paleontology, biogeochemical cycles and meteorology.

Prerequisite: Biology, Physical Science, and Environmental

Credit: .5 per semester

Year (s) the course can be taken: 11, 12

EOCT: No

****Zoology**

Course Number: 26.07100

Course Description This is a laboratory based course that will survey the nine major phyla of the Kingdom Animalia.

Morphology, taxonomy, anatomy, and physiology of porifera, cnidaria, platyhelminthes, nematode, rotifer, annelid, bryozoa, mollusca, arthropods, echinodermata, hemichordate, chordata, agnatha, chondrichthyes, osteichthyes, amphibian, reptilian, aves, and mammalian will be investigated through comparative studies done during laboratory observations and dissections.

Furthermore, students will compare and contrast methods used by organisms from different phyla to accomplish basic life processes.

Credit: .5 per semester

Year (s) the course can be taken: 12

EOCT: No

Social Studies

	9 th Grade	10 th Grade	11 th Grade	12 th Grade
Reg. Track (Minimum Req. 2 yr. 4 yr. schools)		World History	US History	Government/ Economics
Honors Track (4 yr. competitive schools)		H World History	H US History	Gov/Econ or AP Gov/AP Econ
Honors/AP Track (selective schools)	AP Human Geography	AP World History	AP US History	AP Government/ AP Econ
Electives	Geography; Current Issues		Psychology; Sociology	Psych; Soc; US Film; AP Comp Gov

Social Studies Department Courses

****Current Issues**

Course Number: 45.0120000

Course Description: Analyzes current issues and influences that are related to these issues and examines how decisions are made concerning those issues. Integrates and reinforces social studies skills.

Prerequisite(s): None

Credit: .5

Year(s) the course can be taken: 9, 10, 11, 12

EOCT: No

****World Geography or Honors World Geography**

Course Number: 45.0711000 (Honors 45.0711040)

Course Description: Investigates regions of the world and how these regions influence the historical, economical, political, and cultural development in an interdependent world. Includes geographic concepts, physical phenomena, and the relationship of people to their environment. Includes environmental issues and decision-making skills. Covers regions, location (position on earth's surface), place (physical and human characteristics), relationships within places and movement (human interaction on the earth).

Prerequisite(s): None

Credit: .5

Year(s) the course can be taken: 9, 10, 11, 12

EOCT: No

****World History and Honors World History**

Course Number: 45.0830000 (Honors 45.0830040)

Course Description: Emphasizes the political, cultural, economic and social development and growth of civilizations. Covers the development of change beginning with ancient civilizations, the emergence of nations through trade/communications, intellectual development, scientific/technological development, emergence of nation states, nations in conflict and the emerging interdependence of nations in the twentieth century.

Prerequisite(s): None

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 10

EOCT: No

****AP Human Geography**

Course Number: 45.07700050

Course Description: Conforms to College Board topics for the Advanced Placement Human Geography. Investigates populations of the world and how these populations influence the historical, economic, political and cultural perspectives of their region.

Prerequisite(s): Recommendation by 8th Grade Team

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 9, 11, 12

EOCT: No

****Advanced Placement World History**

Course Number: 45.08110050

Course Description: Conforms to the College Board topics for AP world History. Includes the study of cultural, political, social and economic history. Stresses research and writing skills.

Prerequisite(s): None

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 10, 11, 12

EOCT: No

****United States History and Honors US History**

Course Number: 45.0810000 (Honors 45.0810040)

Course Description: Investigates the United States, its people, institutions and heritage. Emphasizes political, cultural and social issues, the role of the United States as a world leader and the issues confronting the United States today.

Prerequisite(s): None

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 11, 12

EOCT: Yes

****AP United States History**

Course Number: 45.0820050

Course Description: Conforms to College Board topics for the Advanced Placement United States History Examination. Covers discovery and settlement, Colonial Society, the American Revolution, Constitution and the New Republic, Age of Jefferson, Nationalism, Sectionalism, Territorial Expansion, Civil War, Reconstruction, Industrialization, Progressive Era, World War I, Depression, New Deal, World War II, and The Cold War through Modern Times.

Prerequisite(s): None

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 11, 12

EOCT: Yes

****Economics**

Course Number: 45.0610000

Course Description: Focuses on the American economic system; covers fundamental economic concepts, comparative economic systems, microeconomics, macroeconomics and international economic interdependence. Stresses the ability to analyze critically and to make decisions concerning public issues.

Prerequisite(s): None

Credit: .5

Year(s) the course can be taken: 12

EOCT: Yes

****AP Micro Economics**

Course Number: 45.0630050

Course Description: Conforms to College Board topics for the Advanced Placement Microeconomics Examination. Covers basic economic concepts, the nature and functions of product markets, factor markets and efficiency, equity and the role of government.

Prerequisite(s): None

Credit: .5

Year(s) the course can be taken: 12

EOCT: Yes

****American Government**

Course Number: 45.0570000

Course Description: An in-depth study of the American political system. This course focuses on the foundation, principles and structure of the American system of government, examines the role of political parties, social factors as they relate to the role of the citizen, and analyzes the decision-making process that are a part of the system of American political behavior. This course meets the state's Citizenship requirement for graduation.

Prerequisite(s): None

Credit: .5

Year(s) the course can be taken: 12

EOCT: No

****AP Government/Politics: United States**

Course Number: 45.0520050

Course Description: Conforms to College Board topics for the AP US Government and Politics Examination. Covers federalism, separation of powers, influences on the formulation and adoption of the Constitution, political beliefs, political parties and elections, interest groups, institutions and policy processes and civil liberties and civil rights.

Prerequisite(s): None

Credit: .5

Year(s) the course can be taken: 12

EOCT: No

****Psychology**

Course Number: 45.0150000

Course Description: Investigates the principles of psychology, developmental psychology, heredity and environmental aspects of psychology, learning theory, personality, intelligence, social disorders and research methods used in the study of psychology. Integrates and reinforces social studies skills.

Prerequisite(s): None

Credit: .5

Year(s) the course can be taken: 11, 12

EOCT: No

****AP Psychology**

Course Number: 45.0160050

Course Description: The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students will be exposed to psychological facts, principles, and phenomena associated with each of the major subfields within psychology. Students also learn about the ethics and methods psychologists use in their science and practice.

Prerequisite(s): None

Credit: 1

Year(s) the course can be taken: 11, 12

EOCT: No

****Sociology**

Course Number: 45.0310000

Course Description: Investigates principles of sociology, the individual in groups, social institutions, social control and the use of research methods to examine social problems. Integrates and reinforces social studies skills.

Prerequisite(s): None

Credit: .5

Year(s) the course can be taken: 11, 12

EOCT: No

****U.S. History in Film**

Course Number: 45.0812000

Course Description: Explores United States History through film. This course includes analysis and interpretation of events through both print and film.

Prerequisite(s): U. S. History

Credit: .5

Year(s) the course can be taken: 12

EOCT: No

CAREER & TECHNOLOGY DEPARTMENT

Marketing, Sales & Service Courses

Marketing Principles

Course Number: 08.4740001/2

Course Description: Marketing Principles addresses the ways in which marketing satisfies consumer and organizational needs and wants for products and services. Students develop an understanding of basic marketing concepts and the role of marketing in business. They develop skills in applying economic concepts to marketing, distribution and logistics, marketing information management, product/service planning, pricing mixes, promotional strategies, and personal selling. Students will participate in the school-based enterprise where available and participate in the student organization, DECA.

Prerequisite(s): None

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 9, 10, 11, 12

Introduction to Sports Marketing

Course Number: 08.4780001/2

Course Description:

This course introduces the student to the major segments of the Sports and Entertainment Industry and the social and economic impact the industry has on the local, state, national, and global economies. The products and services offered to consumers and the impact of marketing on these products and services are examined. Units include: Business Fundamentals, Product Mix, Product Knowledge, Product/Service Management, Business Regulations, Interpersonal Skill, Selling, Marketing Information Management, Economics, Distribution, Pricing, Advertising, Publicity/Public Relations, Sales Promotion, Business Risks, and Organization.

Prerequisite(s): Marketing Principles

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 10, 11, 12

Marketing Management

Course Number: 08.4420001/2

Course Description: Marketing Management is the third course in the Marketing and Management pathway. Students assume a managerial perspective by applying economic principles in marketing, analyzing operation's needs, examining channel management and financial alternatives, managing marketing information, pricing products and services, developing product/service planning strategies, promoting products and services, purchasing, and professional sales. This course also includes global marketing where students analyze marketing strategies employed in the United States versus those employed in other countries.

Prerequisite(s): Introduction to Sports Marketing

Credit: .5 per semester

Year(s) the course can be taken: 10, 11, 12

Work Based Learning

Cooperative Learning (Work Release)

Course Number: Varies according to previous course work.

Course Description: Provides students with on the job training. Career choice does not have to be definite, the program allows for students to explore career options while they work at off site locations. Positions may be a paid or unpaid.

Prerequisite(s): Student must be at least 16 years old and have a valid GA driver's license and reliable transportation. The student must have an attendance record with no more than 5 unexcused absences during the previous semester. The student must be on track for graduation. The student must have an exceptional discipline record. Students must also complete and submit a program application to the Career Pathways Facilitator this application MUST include 3 recommendations from high school teachers.

Credit: .5 per semester

Year(s) the course can be taken: 11, 12

Business Information Technology Courses

Introduction to Business and Technology

Course Number: 06.4160001/2

Course Description: Explores the social and economic environments of business—including ownership, ethics, finance, communications, insurance, human resources, management philosophies and functions, competitive analysis of marketing and strategic and tactical planning.

Prerequisite(s): None

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 9, 10, 11, 12

Legal Environment of Business

Course Number: 06.4150001/2

Course Description: Presents rights and responsibilities in personal law and business law and uses application activities to examine consumer, citizen and worker roles; covers the United States legal system, courts and court procedures, criminal justice systems, torts and the civil justice system, oral and written contracts and warranties, consumer protection, employer-employee relations, different types and uses of commercial paper, the banking system, insurance, real and personal property and wills and intestacy. Emphasizes legal terminology.

Prerequisite(s): None

Credit: .5 per semester for 2 semesters

Years(s) the course can be taken: 9, 10, 11, 12

Entrepreneurship

Course Number: 06.4150001/2

Course Description: This course concentrates on the management skills necessary for successful business operation.

Students will study management strategies for developing and implementing business plans; structuring the organization; financing the organization; and managing information, operations, marketing and human resources. International business principles are infused in the standards for this course. An integral component of the course is a school-based or community-based venture that will engage students in the creation and management of a business and the challenges of being a small business owner. Mastery of these standards through project-based learning and leadership development activities of Future Business Leaders of America (FBLA) will help prepare students with a competitive edge for the global marketplace.

Prerequisite(s): None

Credit: .5 per semester for 2 semesters

Years(s) the course can be taken: 9, 10, 11, 12

Family & Consumer Science Courses

Foundations of Interior Design

Course Number: 20.4410001/2

Course Description: This course includes classroom instruction & laboratory experience. It is designed to prepare students to understand the influences affecting the interior design industry today, and to become aware of the array of career opportunities in the field. Areas of study include: world of interior design; social, psychological & economic influences; trends & issues; elements of design; and interior design principles. Competencies for the co-curricular student organization Family, Career and Community Leaders of America (FCCLA) are integral components of both the core employability skills standards and the technical skills standards, and FCCLA activities should be incorporated throughout instructional strategies developed for the course.

Prerequisite(s): None

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 9, 10, 11, 12

Fundamentals of Fashion

Course Number: 20.4420001/2

Course Description: This course includes classroom instruction & hands-on laboratory performance of the fundamentals of design as applied to room composition. Areas of study include space & traffic patterns, color theory, drawing for interior design, & blueprint reading. Competencies for the co-curricular student organization Family, Career and Community Leaders of America (FCCLA) are integral components of both the core employability skills standards and the technical skills standards, and FCCLA activities should be incorporated throughout instructional strategies developed for the course.

Prerequisite(s): Introduction to Interior Design

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 10, 11, 12

Textile Science

Course Number: 20.4470001/2

Course Description: The Textile Science course introduces students to the fascinating world of fabrics, fibers, dyes and fabric construction of the textile industry. Textiles for apparel, interior furnishings, and industrial applications are investigated. The course introduces students to testing methods, labeling laws, trends, applications, and color forecasting. Various career paths will be researched to determine educational levels, salary expectations, and growing industry demands. Projects will involve individual work, team work, verbal presentations, fabric swatches, and computer applications.

Prerequisite(s): Introduction to Interior Design

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 10, 11, 12

Food, Nutrition & Wellness

Course Number: 20.4161001/2

Course Description: This course is an essential course in understanding nutritional needs and food choices for optimal health of individuals across the lifespan. Interrelationships with wellness are explored. This course leads to the advanced nutrition pathway and develops a knowledge base and the skills necessary to select among alternatives in the marketplace, with an emphasis on nutrient content, the development of chronic diseases, and food safety.

Prerequisite(s): None

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 9, 10, 11, 12

****Food and Nutrition through the Lifespan**

Course Number: 20.4171001/2

Course Description: This course is an advanced course in food & nutrition that addresses the variation in nutritional needs at specific stages of the human life cycle: lactation, infancy, childhood, adolescence, and adulthood including old age. 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.

Prerequisite: None

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 9, 10, 11, 12

****Food Science**

Course Number: 20.4181001/2

Course Description: This course integrates many branches of science and relies on the application of the rapid advances in technology to expand & 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. Careers will be explored.

Prerequisite(s): Food, Nutrition, and Wellness

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 10, 11, 12

Graphic Design

Introduction to Graphics and Design

Course Number: 48.5610001/2

Course Description: The goal of this course is to provide all students with an introduction to the principles of graphic communications and design and its place in the world. This course should also help students to use computers effectively in their lives thus providing a foundation for successfully integrating their own interests and careers with the resources of a technological society. Students will learn the theories behind creating aesthetically pleasing designs and how to work with consumers. Graphic design is the process of communicating visually using typography, visual arts, and page layout. Like other forms of design, graphic design often refers to both the process (designing) by which the communication is created and the products (designs) which are generated.

Prerequisite(s): None

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 9, 10, 11

Graphics Design and Production

Course Number: 48.5620001/2

Course Description: This course focuses on the procedures commonly used in the graphic communication and design industries. Students will gain experience in creative problem solving and the practical implementation of those solutions across multiple areas of graphic communications.

Prerequisite(s): None

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 10, 11, 12

Advanced Graphic Design

Course Number: 48.5280001/2

Course Description: Students will continue to explore in an increasingly independent manner, the principles of design and layout procedures relating to the field of graphic design. Content will cover electronic systems and software programs used in graphic design, composition, image conversion, and digital printing. Knowledge and skills in digital design and imaging will be enhanced through experiences that simulate the graphic design industry and school-based and work-based learning opportunities. This is the final course Graphic Design pathway.

Prerequisite(s): None

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 11, 12

Healthcare Sciences Courses

****Introduction to Healthcare Science**

Course Number: 25.4210001/2

Course Description: Students wishing to pursue a career in the Healthcare Industry will receive initial exposure to healthcare science skills and attitudes applicable to healthcare including the concepts of health, wellness, and preventive care. The changes in healthcare delivery systems and the subsequent impact on healthcare delivery for individual consumers is explored and evaluated. Medical terminology, microbiology, and basic life support skills are emphasized, as well as, the ethical and legal responsibilities of today's healthcare provider. Academics and other related sciences are integrated throughout the course. The students are required to meet both national and intrastate professional guidelines as designated by applicable regulatory agencies such as the Occupational Health and Safety Administration (OSHA) and Center for Disease Control (CDC). Students may participate in opportunities for professional networking and the enhancement of their vocational portfolios by receiving recognition for their accomplishments through a variety of venues related to vocational student organizations—Health Occupations Students of America (HOSA), vocational Industrial Clubs of America (VICA), as well as, other external agencies such as the American Red Cross and the American Heart Association. This course is considered broad-based with high impact and is a prerequisite for all healthcare Science Technology Education courses.

Prerequisite(s): None

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 9, 10, 11, 12

****Essentials of Healthcare**

Course Number: 25.4220001/2

Course Description: The Applications of Healthcare Science Technology Education Course is designed to provide an overall framework of basic skills utilized in the provision of direct client care. The core knowledge and skills developed are usually associated with the therapeutic and diagnostic healthcare career pathways noted nationally. Community First Aid and Basic Life Support techniques are expanded to include rescue skills for infants and children. The function and pathophysiology of each body system is evaluated. Vital Signs and Advanced mathematics including the Apothecaries' system used by physicians and other healthcare professionals are introduced. Students continue with the development of individual career portfolios utilizing postsecondary program research, employability skills, and/or work based learning. Opportunities to participate in skills competition s locally, regionally, and nationally are provided by vocational student organizations—Health Occupations Students of America (HOSA) and Vocational Industrial Clubs of America (VICA).

Prerequisite(s): Introduction to Healthcare Science

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 10, 11, 12

Patient Care Fundamentals

Course Number: 25.4610001/2

Course Description: This course is designed to provide students with skills necessary to function as a Nursing Assistant in a variety of health care settings. Nursing Assistant introduces students to a variety of skills such as patient care, legal and ethical issues, documentation, anatomy and physiology and nutrition.

Prerequisite(s): Essentials of Healthcare

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 11, 12

Medical Services Internship

Course Number: 25.4260001/2

Course Description: This internship focuses on the applications of medical services skills and technology. Recommended course length is 150 hours with content focus as delineated in the internship performance standards. A minimum of 90 clinical application hours is required. The additional 60 internship hours may be utilized in the class, lab, or clinic settings.

Prerequisite(s): Patient Care Fundamentals

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 12

Army JROTC Courses

JROTC I

Course Number: 28.0310001/2

Course Description: JROTC I introduces the history of the military and the U.S. Army's role in defense, beliefs and values in a democracy, leadership styles and group interactions, communications processes, health, personal hygiene, and first aid. It covers the Army ROTC mission and organization, customs and courtesies, uniform regulations for badges and insignia, and U.S. Army policies.

Prerequisite(s): None

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 9, 10, 11, 12

JROTC II

Course Number: 28.0320001/2

Course Description: This course enhances level-one skills; covers in-depth topics of citizenship, leadership, communications, and health and hygiene. It introduces map reading and military geography.

Prerequisite(s): JROTC I

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 10, 11, 12

JROTC III

Course Number: 28.0330001/2

Course Description: This course enhances level-two skills; covers methods to improve leadership, communications, and map-reading skills. It introduces career and vocational options.

Prerequisite(s): JROTC II

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 11, 12

JROTC IV

Course Number: 28.0340001/2

Course Description: This course enhances level-three skills; offers options for more in-depth study of previous topics and practice of leadership, communication, managerial, and decision-making skills. It emphasizes career awareness and continuing education options.

Prerequisite(s): JROTC III

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 12

Public Safety Courses

Introduction to Law/Public Safety and Security

Course Number: 43.4300001/2

Course Description: Students wishing to pursue a career in Law and Justice will examine the basic concepts of law related to citizens' rights and officers' responsibilities to maintain a safe society. This course begins with a study of various careers in public safety. The course will explore the history and development of law enforcement in the United States. Students will then examine the components of the criminal justice system, including the roles and responsibilities of the police, courts, and corrections. Additionally, students will learn the classification and elements of crimes. Students will receive instruction in critical skill areas including communicating with diverse groups, conflict resolution, the use of force continuum, report writing, operation of police and emergency equipment, and

Prerequisite(s): None

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 9, 10, 11, 12

Criminal Justice Essentials

Course Number: 43.4310001/2

Course Description: This course emphasizes the structure of the American legal system while examining constitutional legal issues. Students will explore the difference between common and statutory law in the context of how legal precedent is established. The course will explore the rights of citizens guaranteed by the United States and Georgia constitutions. Students will also evaluate the powers granted to the police and the restrictions placed upon them by the respective constitutions and their amendments. Specific topics of discussion will include search and seizure, arrests, interviews, interrogations, and confessions in the context of criminal prosecution. Major emphasis will be placed on the role and decisions of the United States Supreme Court. Students will utilize reading, writing, and critical thinking in the analysis of cases in a mock trial. In addition to legal issues, students will be exposed to advanced law and justice skills. Activities include tactics, methods, and skills utilized in the law enforcement field. Students will attain skills for dealing with disasters and emergency situations. The course culminates with students demonstrating their skills through participation in a simulated disaster scenario.

Prerequisite(s): Introduction to Law and Justice

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 10, 11, 12

Forensic Science and Criminal Investigation

Course Number: 43.4330001/2

Course Description: This course will provide students with an opportunity to explore the basic processes and principles of forensic science as it relates to criminal investigation. Students will learn the importance of the identification, collection, and processing of evidence and of its contribution to the criminal investigation. Students will learn of the legal responsibilities and challenges which the forensic investigator may encounter. Students will also learn of the role of the criminal investigator. Included in this course will be the importance of preserving and documenting the crime scene and enabling the investigator to analyze evidence and its relationship to the crime. The student will also study interviews and interrogations and how those statements are used as evidence in court. Students will express understanding of their knowledge by composing clear, concise, and thorough investigative reports, indicating a successful conclusion to an investigation.

Prerequisite(s): Law, Community Response and Policing

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 10, 11, 12

Engineering and Technology

Foundations of Engineering and Technology

Course Number: 21.4250001/2

Course Description: Introduces the student to the basic building blocks of Engineering and Technology. Topics include: Engineering and Technology (past, present, future); the Problem-Solving method; Systems and Systems Technology; system-specific areas such as Communication Technology, Manufacturing Technology, Construction Technology, Transportation Technology, and Bio-related Technology. Throughout the course, emphasis is placed on the integration of Engineering and Technology with science and math. Class is a combination of academic lectures and small-group projects.

Prerequisite(s): None

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 9, 10, 11, 12

Engineering Concepts

Course Number: 21.4710001/2

Course Description: This course is fast-paced, based on 20-day computerized modules that are more self-directed and focused on developing teamwork. Areas of technological specialization include: environmental technology; transportation technology; communication technology; alternative energy; robotics and automation; biotechnology; construction technology.

Prerequisite(s): Foundations of Engineering and Technology

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 10, 11, 12

Engineering Applications

Course Number: 21.4720001/2

Course Description: In Engineering Applications, the systems learned in the Engineering Concepts course are integrated with other systems as the whole-system concept is developed. Emphasis is placed on the concept of "engineering teams", working within a team environment, and the basic engineering methods used for research, planning, documentation, and accountability. This course is a combination of academic lectures, small-group projects, and large-group projects.

Prerequisite(s): Engineering Concepts

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 11, 12

Information Technology

**AP Computer Science

Course Number: 11.0160050

Course Description:

AP Computer Science A is equivalent to a first-semester, college-level course in computer science. The course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem solving and design using Java language. These techniques represent proven approaches for developing solutions that can scale up from small, simple problems to large, complex problems. The AP Computer Science A course curriculum is compatible with many CS1 courses in colleges and universities.

Prerequisite(s): Students should have knowledge of basic English and algebra. Students should be comfortable with functions and the concepts found in the uses of function notation, such as $f(x) = x + 2$ and $f(x) = g(h(x))$.

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 12

Broadcasting / Video Production

Audio and Video Tech/Film 1

Course Number: 10.4111001/2

Course Description: This one credit course is the first in a pathway that prepares the student for employment or entry into a postsecondary education program in the Broadcast/Video Production career field. Topics covered may include, but are not limited to: history of mass media, terminology, safety, basic equipment, script writing, production teams, production and programming, set production, 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 BVP1 will be utilized in subsequent courses.

Prerequisite(s): None

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 9, 10, 11, 12

Audio and Video Tech/Film 2

Course Number: 10.4121001/2

Course Description: Enhances level-one skills by providing more in-depth and specialized experiences in video and film equipment operation; covers editing, cameras, lighting, audio boards, field production, studio production, and the three primary phases of production. May include the performing arts with instruction in acting, voice, movement, scenery, and costumes as related to video production.

Prerequisite(s): Broadcast and Video Production I

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 10, 11, 12

Audio and Video Tech/Film 3

Course Number: 10.4131001/2

Course Description: Enhances level-two skills and provides entry-level occupational skills or continuing education options through internship, practicum, apprenticeship and/or enrollment in postsecondary institutions.

Prerequisite(s): Broadcast and Video Production II

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 11, 12

Agriculture Education

Basic Agriculture Science and Technology

Course Number: 02.4170001/2

Course Description: This course is designed as an introduction for the Agriscience Pathway Program of Study. The course 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. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Prerequisite(s): None

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 9, 10, 11, 12

****General Horticulture and Plant Science**

Course Number: 01.4610001/2

Course Description: This course is designed as an introduction for the Horticulture/Plant Science Pathway Program of Study. The course introduces the major concepts of plant and horticulture science. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Prerequisite(s): None

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 10, 11, 12

Floriculture Production and Management

Course Number: 01.4620001/2

Course Description: 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. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Prerequisite(s): None

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 11, 12

FINE ARTS DEPARTMENT

Music Courses

Advanced Placement Music Theory

Course Number: 53.0230050

Course Description: Conforms to College Board topics for the AP Music Theory Examination. Covers terminology and notational skills, writing skills, visual analysis and aural skills and advanced levels of understanding, part-writing, beginning composition, and analysis of musical works.

Prerequisite(s): Consent of Instructor

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 11, 12 (Grade 10 with instructor Consent)

Band Courses

Beginning Band I & II

Course Number: 53.0361000 (semester 1) and 53.0362000 (semester 2)

Course Description: Provides opportunities to develop performance skills on a wind or percussion instrument. Emphasizes performance and production; may include analysis, historical and cultural influences, improvisation and appreciation of music. Organizes objectives for self-paced progress through all four levels. Stresses individual progress and group experiences.

Prerequisite(s): Placement by director

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 9, 10, 11, 12

Intermediate Band I & II

Course Number: 53.0371000 (semester 1) and 53.0372000 (semester 2)

Course Description: Provides opportunities for intermediate-level performers to increase performance skills and precision on a wind or percussion instrument. Includes performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music and appreciation of music. Stresses individual progress and learning and group experiences; strengthens reading skills.

Prerequisite(s): Placement by director

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 11, 12

Advanced Band I & II

Course Number: 53.0381000 (semester 1) and 53.0382000 (semester 2)

Course Description: Provides opportunities for advanced-level performers to increase, develop and refine performance skills and precision on a wind or percussion instrument. Covers performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music and appreciation of music at advanced levels of understanding. Organizes objectives for self-paced progress through all four levels. Stresses individual progress and learning strategies and ensemble experiences.

Prerequisite(s): Placement by director

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 12

Chorus Courses

Beginning Chorus

Course Number: 54.024100(girls) or 54.0271000 (boys)

Course Description: Serves as prerequisite for other theater/drama and chorus courses. This course allows freshmen with limited space in their schedules to take both Drama and Chorus in one year. The students alternate between the two courses each 9 weeks.

Prerequisite(s): None

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 9

Beginning Mixed Chorus I & II

Course Number: 54.0211000 (semester 1) and 54.0212000 (semester 2)

Course Description: Provides opportunities to develop performance skills and knowledge in mixed choral singing. Covers performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music and appreciation of music. Organizes objectives for self-paced progress through all four levels. Stresses individual progress and group experiences.

Prerequisite(s): Placement by director

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 9, 10, 11, 12

Intermediate Mixed Chorus I & II

Course Number: 54.0221000 (semester 1) and 54.0222000 (semester 2)

Course Description: Provides intermediate-level performers opportunities to increase performance skills and knowledge in mixed choral singing. Covers performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music and appreciation of music. Organizes objectives for self-paced progress through all four levels. Stresses individual progress and group experiences.

Prerequisite(s): Placement by director

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 9, 10, 11, 12

Advanced Mixed Chorus I & II

Course Number: 54.0231000 (semester 1) and 54.0232000 (semester 2)

Course Description: Provides advanced-level performers opportunities to increase performance skills and knowledge in mixed choral singing. Covers performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music and appreciation of music. Organizes objectives for self-paced progress through all four levels. Stresses individual progress and group experiences.

Prerequisite(s): Placement by director

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 9, 10, 11, 12

Intermediate Women's Chorus I & II

Course Number: 54.0251000 (semester 1) and 54.0252000 (semester 2)

Course Description: Provides opportunities for intermediate-level performers to increase performance skills and knowledge in mixed choral singing. Covers performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music and appreciation of music. Organizes objectives for self-paced progress through all four levels. Stresses individual progress and group experiences.

Prerequisite(s): Placement by director

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 9, 10, 11, 12

Advanced Women's Chorus I & II

Course Number: 54.0261000 (semester 1) and 54.0262000 (semester 2)

Course Description: Provides opportunities for advanced-level female performers to increase performance skills and knowledge in mixed choral singing. Covers performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music and appreciation of music. Organizes objectives for self-paced progress through all four levels. Stresses individual progress and group experiences.

Prerequisite(s): Placement by director

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 9, 10, 11, 12

Drama Courses

Theater

Course Number: 52.0210000

Course Description: Serves as prerequisite for other theater/drama courses. Develops and applies performance skills through basic vocal, physical and emotional exercises; Includes improvisation and scene study and related technical art forms.

Prerequisite(s): None

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 9, 10, 11, 12

Advanced Theater

Course Number: 52.0510000

Course Description: Introduces acting and theater as disciplined art forms; covers methods to observe and understand human behavior and to use those observations to create a character. Includes basic techniques of stage movement and use of physical expression for communication. Enhances vocal techniques and specific patterns for better verbal communication.

Prerequisite(s): Theater or instructor permission

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 10 (with instructor permission), 11, 12

Technical Theater

Course Number: 52.0410000

Course Description: This course is designed to provide learners with a basic understanding of the aesthetics and practical application of all phases of technical production. This would include the study of all visual aesthetics, the physical theater, introduction to design, scenery construction and painting, property construction, costuming. Lighting, sound engineering, and back stage organization.

Prerequisite(s): Theater and Advanced Theater or instructor permission

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 10 (with instructor permission), 11, 12

Musical Theater

Course Number: 52.0310000

Course Description: Introduces the style and characteristic elements of modern musical theater. Covers production staging, orchestration, voice and dance; offers an opportunity for team teaching through interdisciplinary collaboration with the chorus, band, art, technology, physical education and dance instructors. Offers opportunity for performance.

Prerequisite(s): Theater and Advanced Theater or instructor permission

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 10 (with instructor permission), 11, 12

Visual Art Courses

Visual Arts/Comprehensive I & II

Course Number: 50.0211000 (semester 1) and 50.0212000 (semester 2)

Course Description: Introduces art history, art criticism, aesthetic judgment and studio production. Emphasizes the ability to understand and use elements and principles of design through a variety of media, processes and visual resources. Explores master artworks for historical and cultural significance. In the second semester, students explore different two and three-dimensional art media and processes.

Prerequisite(s): None

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 9, 10, 11, 12

Visual Arts/Drawing I & II

Course Number: 50.0311000 (semester 1) and 50.0312000 (semester 2)

Course Description: Explores a variety of drawing techniques and media; emphasizes developing basic drawing skills and critical analysis skills for responding to master drawings. Examines solutions to drawing problems through student drawings and those of other artists. Covers Western and non-Western cultures.

Prerequisite(s): Visual Arts/Comprehensive I

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 10, 11, 12

Visual Arts/Painting I & II

Course Number: 50.0321000 (semester 1) and 50.0322000 (semester 2)

Course Description: Explores a variety of techniques and wide range of drawing & painting media; emphasizes developing advanced drawing and basic painting skills. Examines solutions to drawing & painting problems through the study of the color theory and composition. Emphasizes the concept and development of personal style.

Prerequisite(s): Visual Arts/Comprehensive I & Drawing I & II

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 10, 11, 12

Visual Arts/Ceramics/Pottery I & II

Course Number: 50.0411000 (semester 1) and 50.0412000 (semester 2)

Course Description: Introduces the characteristics of clay and design in clay using various techniques of construction and decoration. Emphasizes hand building and introduces other forming techniques, surface decoration and glaze applications. Some potter's wheel experience is offered in a first semester and continues for those interested during the second semester.

Prerequisite(s): Visual Arts/Comprehensive I

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 10, 11, 12

Visual Arts /AP Studio: Drawing

Course Number: 50.0811050

Course Description: Advanced Placement Studio/ Drawing conforms to College Board's topics for the Advanced Placement Studio Art Drawing Portfolio Examination. Requires submission of original works & slides to be evaluated on quality, breadth & concentration of an idea or concept. Emphasizes experiences using different drawing media and approaches. This course provides students with college-level studio experiences and encourages self-expression.

Prerequisite(s): Drawing I & II or Drawing & Painting I & II plus Teacher Recommendation

Credit: .5 per semester for 2 semesters

Years the course can be taken: 11, 12

Visual Arts /AP Studio: 2-D Design

Course Number: 50.0813050

Course Description: Advanced Placement Studio/ 2-D Design conforms to College Board's topics for the Advanced Placement Studio Art Drawing Portfolio Examination. Requires submission of original works & slides to be evaluated on quality, breadth & concentration of an idea or concept. Emphasizes experiences using different 2-D design, media and approaches. This course provides students with college-level studio experiences and encourages self-expression

Prerequisite(s): Ceramics I & II & Teacher Recommendation

Credit: .5 per semester for 2 semesters

Years the course can be taken: 11, 12

Visual Arts /AP Studio: 3-D Design

Course Number: 50.0814050

Course Description: Advanced Placement Studio/ 3-D Design conforms to College Board's topics for the Advanced Placement Studio Art Drawing Portfolio Examination. Requires submission of original works & slides to be evaluated on quality, breadth & concentration of an idea or concept. Emphasizes experiences using different 3-D design, media and approaches. This course provides students with college-level studio experiences and encourages self-expression

Prerequisite(s): Ceramics I & II & Teacher Recommendation

Credit: .5 per semester for 2 semesters

Years the course can be taken: 11, 12

This course is not HOPE eligible.

PHYSICAL EDUCATION & HEALTH DEPARTMENT

Health

Course Number: 17.0110000

Course Description: Explores the mental, physical, and social aspects of life and how each contributes to total health and well-being; emphasizes safety, nutrition, mental health, substance abuse prevention, disease prevention, environmental health, family life education, health careers, consumer health, and community health.

Prerequisite(s): None

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 9, 10, 11, 12 Recommended for 9th Grade

Personal Fitness

Course Number: 36.0510000

Course Description: Provides instruction in methods to attain a healthy level of physical fitness. Covers how to develop a lifetime fitness program based on a personal fitness assessment and stresses strength, muscular endurance, flexibility, body composition and cardiovascular endurance. Includes fitness principles, nutrition, fad diets, weight control, stress management, adherence strategies and consumer information; promotes self-awareness and responsibility for fitness.

Prerequisite(s): None

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 9, 10, 11, 12 Recommended for 9th Grade

General Physical Education I

Course Number: 36.0110000

Course Description: Focuses on any combination or variety of team sports, lifetime sports, track and field events, aquatics/water sports, outdoor education experiences, rhythmic/dance, recreational games, gymnastics, and self-defense. Provides basic methods to attain a healthy and active lifestyle.

Prerequisite(s): Personal Fitness

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 10, 11, 12

General Physical Education II

Course Number: 36.0120000

Course Description: Enhances level-one skills in any different combination or variety of team sports, lifetime sports, track and field events, aquatics/water sports, outdoor education experiences, rhythmic/dance, recreational games, gymnastics, and self-defense. Further promotes methods to attain a healthy and active lifestyle.

Prerequisite(s): General Physical Education I

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 10, 11, 12

Body Sculpting

Course Number: 36.0560000

Course Description: Provides methods to redefine body shape through specific exercises. Covers weight training, conditioning exercises and proper nutrition to improve muscle tone, muscle definition, posture, bodily proportions, overall condition of the body and increase energy levels. Based on the American College of Sports Medicine guidelines for fitness and conditioning programs.

Prerequisite(s): Personal Fitness

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 10, 11, 12

Advanced Body Sculpting

Course Number: 36.0660000

Course Description: Provides additional opportunities to redefine body shape through specific exercises. Covers weight training, conditioning exercises and proper nutrition to improve muscle tone, muscle definition, posture, bodily proportions, overall condition of the body and increase energy levels. Based on the American College of Sports Medicine guidelines for fitness and conditioning programs. Promotes healthy means to body sculpting goals.

Prerequisite(s): Body Sculpting

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 10, 11, 12

Introductory Team Sports

Course Number: 36.0210000

Course Description: 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.

Prerequisite(s): Personal Fitness

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 10, 11, 12

Intermediate Team Sports

Course Number: 36.0310000

Course Description: Enhances skills and strategies in team sports such as basketball, volleyball, soccer, softball, baseball, field hockey, lacrosse, team handball, and flag football.

Prerequisite(s): Introductory Team Sports

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 10, 11, 12

Weight Training

Course Number: 36.0540000

Course Description: Introduces weight training; emphasizes strength development training and proper lifting techniques. Includes fitness concepts for developing healthy lifetime habits.

Prerequisite(s): Personal Fitness

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 10, 11, 12

Advanced Weight Training

Course Number: 36.0640000

Course Description: Increases strength and cardiovascular fitness through an individualized weight training program. Emphasizes self-management and adherence strategies.

Prerequisite(s): Weight Training

Credit: .5 per semester for 2 semesters

Year(s) the course can be taken: 10, 11, 12

This course is not HOPE eligible.

Principles of Athletic Training/Sports Medicine

Course Number: 36.01500

Introduces techniques to prevent, recognize, evaluate, manage, treat, and rehabilitate athletic injuries.

Credit: 1.0

Year(s) the course can be taken: 10,11,12

This course is not HOPE eligible