

2012-2013

Grady HS Course Catalog



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Henry W. Grady High School

Individually we are different...together we are Grady

The Grady course catalog is to be used only by students, parents and faculty of Grady High School.

If you have any questions regarding the use of the Grady course catalog, contact your student's academy leader, instructional coach, or counselor.

Every effort has been made to ensure that the information in this document is accurate; however, there may be errors or omissions as this booklet is a work in progress.

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GRADUATION REQUIREMENTS

Graduation Credit Checklist: CORE CLASSES and ELECTIVES	
Subject	Carnegie Unit
English/Language Arts including: 1 unit Ninth Grade Literature/Composition 1 unit Tenth Grade Literature/Composition 1 unit American Literature/Composition or AP Language/Composition 1 unit in British Literature/Composition or AP Literature/Composition	4
Mathematics including: Math 1 or its equivalent, Math 2 or its equivalent, Math 3 or its equivalent, Additional units needed to complete the four credits in mathematics must be chosen from the list of GPS/AP designated courses in the catalog.	4
Science including: 1 unit Biological Science 1 unit Physical Science or Chemistry or Physics; 2 units additional Science Electives	4
Social Studies including: 1/2 unit Am Government/Civics 1/2 unit World Geography 1 unit World History, AP World History or AP European History 1 unit U. S. History or AP U.S. History 1/2 unit Economics or AP Economics	3 ½
Health	½
Physical Education including ½ unit Personal Fitness ½ unit of an additional PE	1
World Language *University System of Georgia colleges and universities require at least two years of the same foreign language to meet admission requirements. Three years is highly recommended.	2
Career, Technical and Agricultural Education or Fine Arts	1
Community Service 75 hrs. Volunteer Service	½
Core Courses	20 ½
Electives	3 ½
Total	24

STATE ASSESSMENTS

Georgia High School Writing Test (GHSWT) &

Georgia High School Graduation Test (GHSGT)

The Georgia High School Graduation Tests are designed to assess skills in the areas of writing, English/language arts, mathematics, social science, and science. **All** students must pass the **GHSWT (writing test)** to earn a high school diploma. Beginning with the **class of 2015 and beyond**, the GHSGT (English/Language Arts, mathematics, social studies, and science) will be eliminated. Students in the **class of 2012, 2013, and 2014** may exempt one or more portions of the remaining 4 sections of the GHSGT if they passed one or more corresponding EOCT exams. For example, a student may exempt the Science GHSGT if they passed the EOCT with a 70% or higher in Biology or Physical Science. Please refer to the cohort comparison chart below for additional details regarding the GHSGT. Students will have five opportunities to take the GGT tests before the end of their 12th grade year if necessary.

End-of-Course Test (EOCT)

End of Course Tests are state-mandated tests administered for the following eight courses: Math I, Math II, 9th Grade Literature and Composition, American Literature and Composition, Physical Science, Biology, United States History, and Economics. Any student taking these courses for credit will be required to take the End of Course Test. All courses, with the exception of Economics, are year-long and the EOCT will be administered near the end of the second semester. Economics is a one-semester course and the test for this class will be given near the end of the semester in which the course is taken. Depending on the cohort entering freshmen The EOCT grade must count 15% or 20% toward the final course grade. Please refer to the cohort comparison below for additional details regarding the EOCT. Students who do **NOT** take the EOCT will receive a NGE (No grade exam) and no credit will be given until the student takes the EOCT.

COHORT COMPARISONS

Cohort 1	Cohort 2
Students who enter grade 9 for the first time in SY2011 -2012 or after	Students who entered grade 9 for the first time between July 2008 and June 2011
<ul style="list-style-type: none">• Must pass the GHSWT to be eligible for diploma• Are not required to take or pass GHSGT (test not administered)• Are required to pass courses* associated with EOCT, with EOCT contributing 20% to course grade• Are not required to pass EOCT	<ul style="list-style-type: none">• Must pass the GHSWT to be eligible for diploma• Must pass one of the two subject-area EOCT <u>or</u> the corresponding subject-area GHSGT• Are required to pass courses associated with EOCT, with EOCT contributing 15% to course grade

*In science, students may take Physical Science or Physics (no EOCT for Physics).

ACCEL Program (Joint/Dual Enrollment)

Students may take college courses while still attending Grady. To participate in Joint/Dual Enrollment, however, a student must first contact the admissions office at a college or university and be admitted into their program. Once accepted for joint/dual enrollment, the student must bring documentation to the counselor at Grady verifying admission. Logistical issues must be addressed as well. For additional information, please visit www.gacollege411.org and/or speak with your assigned school counselor.

On Line Options (Credit Recovery and GA Virtual School)

Program is available to all grade levels with priority given to seniors. All core classes, AP classes and some electives are available online and are often scheduled during the school day. Students must apply with the counselors for approval and finalize enrollment through Mr. Montero, Grady's Media Center Specialist. Please contact Mr. Montero, our on line facilitator at bmontero@atlanta.k12.ga.us or by calling 404-802-3055 for more information. Also, visit the Georgia Virtual School course offerings at www.gavirtualschool.org.

Advanced Placement (AP)

Grady High School offers Advanced Placement courses in the following subjects: Biology, Calculus AB, Calculus BC, Chemistry, Computer Science, English Literature, English Language, Environmental Science, European History, French Language, Government and Politics: Comparative, Government and Politics: U.S., Latin: Vergil, Macroeconomics, Microeconomics, Music Theory, Physics B, Psychology, Spanish Language, Statistics, Drawing/Studio Art, U.S. History, and World History. Juniors and seniors are advised to take no more than three AP courses in any given semester. Students must apply and be accepted into an Advanced Placement course. An Advanced Placement guide with specific information about prerequisite courses, requirements, and the application dates and process is available online and is distributed before students apply.

PSAT

The Preliminary SAT (PSAT) is a preparatory test for the SAT. It is designed to help students identify strengths and weaknesses in preparing for their last two years of high school, as well as for the SAT. The PSAT is administered to all 10th and 11th grade students in October. Ninth grade students interested in 10th grade AP are required to take the test, but they must register through the main office and pay a small fee. The PSAT must be taken in 11th grade for students to qualify for National Merit and National Achievement scholarships. The Governor's Honors Program also requires the PSAT.

SAT

The SAT is generally taken by 11th and 12th grade students applying to college. The test is designed to measure both verbal and quantitative reasoning skills and is used to predict a student's college performance. Each section of the SAT is scored on a scale of 200—800, with two writing sub-scores for multiple-choice and the essay. A perfect score is 2400. It is administered seven times a year. The SAT score is accepted for admission to the majority of colleges. For more information and a list of testing dates and locations, visit www.collegeboard.com. Grady High School CEEB CODE is 110170.

ACT

The American College Test (ACT) may also be taken by 11th and 12th grade students who wish to apply to college and is designed to measure a high school student's general educational development and ability to succeed in college. The test covers five subject areas: English, Math, Reading, Science and an optional writing test. Each subject area is scored with a composite score for the entire test ranging from 1 – 36. This test is becoming more widely accepted as a college admission test. For more information and a list of testing dates and locations, visit www.act.org. Grady High School CEEB CODE is 110170.

HOPE Scholarship Program

Georgia's HOPE Scholarship is available to Georgia residents who have demonstrated academic achievement. The scholarship provides money to assist students with the educational costs of attending college in Georgia. A student must have a 3.0 cumulative grade point average or earn a numeric average of 80 in the core-curriculum units. All credits attempted in the core subjects will be averaged by the Georgia Student Finance Commission using a true 4.0 scale to calculate eligibility for the HOPE scholarship. For additional information please visit www.gacollege411.org.

High School Diploma

Awarded to students who have completed all graduation requirements, which include attendance, Carnegie Units and the state's assessment requirements.

High School Certification of Attendance

Awarded to students who do not complete all the criteria for a diploma, but who meet all requirements for attendance and Carnegie units.

Life Skills Diploma (formally known as Special Education)

Awarded to students with disabilities assigned to a special education program when the students have not met the state's assessment requirements for a high school diploma but have nevertheless completed their Individualized Education Programs.

Minimum Number of Carnegie Units Required For Grade Placement- Class of 2012 and beyond

To enter	Grade Units
10 th grade students need	6 (4 core: English, math, social studies, and science)
11 th grade.....	12 (8 core: 2 each in English, math, social studies, and science)
12 th grade.....	18 (12 core: 3 each in English, math, social studies, and science)

Curriculum Implications

Middle School Course Work

Unit credit may be awarded for courses offered in the middle school grades that meet the following criteria:

- Must meet 9-12 GPS requirements
- Must earn a grade of 70 or better
- Must include End of Course Test as prescribed by the Georgia Department of Education
- However, units earned in middle school shall not be counted in the total required units for graduation.
- The unit(s) earned in middle school will be posted on the high school transcript and will be counted as elective units. Examples may include: Math 1.

Personal Fitness and Physical Education

After completing one semester of personal fitness, students may substitute the next semester of either advanced band or JROTC for a second semester of physical education. Students participating in athletic programs sanctioned by the Georgia High School Athletic Association (GHSA) may exempt the locally required physical education course without earning Carnegie unit credit.

After completing one of the specified athletic programs, a student may substitute the completion of a second specified athletic program for one semester of physical education. The APS Director of Athletics will verify completion of the two athletic programs.

Fall Sports

Cross Country (boys/girls)
Football (varsity/JV)
Softball (girls varsity level I)
Volleyball (girls varsity level I)
Cheerleading
Water Polo

Winter Sports

Basketball (girls/boys, V&JV)
Cheerleading
Riflery (Co-ed)
Swimming

Spring Sports

Baseball (JV & V)
Golf (boys/girls)
Soccer (boys/girls, JV/V)
Tennis (boys/girls)
Lacrosse (boys V/girls JV)
Track (boys/girls, JV/V)
Cheerleading

Community Service

The community service requirement includes having students provide 75 hours of volunteer service during non-school time in agencies approved by the Atlanta Public Schools. Students may begin serving their hours after Eighth grade promotion and must turn in the documentation by the end of their junior year. Advisors will provide students with information about identifying approved agencies, making agency contacts and maintaining records of activities. Students are encouraged to complete their community service early in their high school experience and should turn in their completed community service form to their counselor.

Grading Scale

A 90 - 100
B 80 - 89
C 70 - 79
F 0 - 69

1.0 Credit= 1 full academic year
.5 Credit= ½ academic year

Note: Paired classes in the course catalog cannot be dropped mid-year.

Beginning in the 2002-2003 school year, grades in Advanced Placement courses are awarded 10 extra points each semester to scores of **70 or higher**. GPA is calculated on a numeric scale.

ENGLISH

Four units of English credit are required for a state high school diploma.

Course: *Literature & Composition; Honors Literature & Composition (23.06100)*

Grade: 9

Term: *Year/1.0 credit*

Prerequisites: None

Description: Integrates writing, grammar and usage, literature, speaking, and listening. This course stresses the writing process.

Course: *Literature & Composition; Honors Literature & Composition (23.06200)*

Grade: 10

Term: *Year/1.0 credit*

Prerequisites: 9th Grade Lit & Comp

Description: Includes literary selections from the entire world and promotes proficiency through exploration of a variety of writing styles. This course is designed to enhance organization and development of written thought and speaking and listening abilities through a variety of activities.

Course: *American Literature & Composition; Honors American Literature & Composition (23.05100)*

Grade: 11

Term: *Year/1.0 credit*

Prerequisites: 9th and 10th Grade Lit. & Comp.

Description: Offers opportunities to improve reading, writing, speaking/listening, and critical-thinking skills through the study of American literature. This course exposes students to a variety of literary genres and multicultural writers presented in a chronological organization to complement the study of American history.

Course: *British Literature & Composition; Honors British Literature & Composition (23.05200)*

Grade: 12

Term: *Year/1.0 credit*

Prerequisites: 9th and 10th Grade Lit & Comp and 11th Grade American Lit

Description: Offers opportunities to improve reading, writing, speaking/listening, and critical-thinking skills through the study of literary selections from British writers and relevant classical texts organized chronologically or thematically. This course emphasizes analytical writing and integrates grammar, mechanics, and usage into the writing process.

Course: *AP Language & Composition (23.04300)*

Grade: 11

Term: *Year/1.0 credit*

Prerequisites: Successful completion of 9th and 10th Grade Lit. & Comp (Approval required)

Description: AP English Language and Composition engages students in becoming skilled readers of prose written in a variety of rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading will make students aware of the interactions among a writer's purposes, audience expectations, and subjects, as well as the way genre conventions and the resources of language contribute to effectiveness in writing. The primary source material for the course will be American literature to fulfill the Georgia graduation requirement for 11th Grade American Literature & Composition.

Course: *AP English Literature & Composition (23.06500)*

Grade: 12

Term: *Year/1.0 credit*

Prerequisites: Successful completion of 9th, 10th, and 11th grade English (Approval required)

Description: AP English Literature and Composition is a preparatory class in World Literature and Composition leading to the administration of the national AP Examination in English, Literature, and Composition at the close of the second semester. Students will study four primary forms of literature – myth, tragedy, comedy, and satire. Students also will review the use of terms for analyzing narratives, poetry, and drama with numerous practice AP essays which emphasize precise use of the terms. Students will be able to analyze imagery, metaphor, and symbols in lyric poems and analyze point of view, characterization, irony, and symbolism in narratives.

ENGLISH FOR SPEAKERS OF OTHER LANGUAGES

Course: *English ESOL I (23.09100)*

Grade: 9-12

Term: *Year/1.0 credit*

Prerequisites: None

Description: 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 and familiarizes students with appropriate learning strategies for all classes.

Course: *English ESOL II (23.09200)*

Grade: 9-12

Term: *Year/1.0 credit*

Prerequisites: None

Description: Integrates listening and speaking, reading and writing, grammar and usage. Uses all language skills to gain further knowledge of United States culture. Emphasizes sustained interpersonal communication of ideas and personal and safety needs. Increases skills in comprehension of content areas including: use of thesaurus, glossary, dictionary, contextualized guessing at meaning and test-taking strategies. Introduces the writing process. Highlights world literature and authentic texts (newspapers, magazines, labels, directions, etc.).

Course: *English ESOL III (23.09300)*

Grade: 9-12

Term: *Year/1.0 credit*

Prerequisites: None

Description: Presents the English language in more complex cognitively demanding situations. Emphasizes comprehension of detailed information with fewer contextual clues on unfamiliar topics. Includes interaction with increasingly complex written material.

Course: *English ESOL IV (23.09400)*

Grade: 9-12

Term: *Year/1.0 credit*

Prerequisites: None

Description: Presents the English language in more complex, cognitively demanding situations. Emphasizes comprehension of detailed information with fewer contextual clues on unfamiliar topics. Includes interaction with increasingly complex written material. Includes authors and selections from American and British literature. Incorporates writing to satisfy social and academic needs.

FOREIGN LANGUAGE

The completion of two years of the same foreign language is required for most college admissions.

FRENCH COURSES

Course: French I (60.01100)

Grade: 9-11

Term: Year/1.0 credit

Prerequisites: None

Description: Introduces the French language; emphasizes all language 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.

Course: French II (60.01200)

Grade: 10-12 (9th with approval)

Term: Year/1.0 credit

Prerequisites: French I

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. Provide opportunities to increase understanding of French-speaking cultures.

Course: Honors French III (60.01300)

Grade: 11-12 (10th with approval)

Term: Year/1.0 credit

Prerequisites: French I and II

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.

Course: Honors French IV (60.01400)

Grade: 11-12

Term: Year/1.0 credit

Prerequisites: French I, II and III

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.

Course: AP French: Language (60.01700)

Grade: 11-12

Term: Year/1.0 credit

Prerequisites: French I, French II and French III (Approval required)

Description: In AP French Language, students hone their skills in listening, reading, storytelling and writing, using correct French grammar. Students should already have a basic knowledge of the language and culture of French speaking peoples and should have a reasonable proficiency in listening comprehension, speaking, reading, and writing.

SPANISH COURSES

Course: *Spanish I (60.07100)*

Grade: 9-11

Term: *Year/1.0 credit*

Prerequisites: None

Description: Introduces the Spanish language; emphasizes all language 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.

Course: *Spanish II (60.07200)*

Grade: 10-12 (*9th with approval*)

Term: *Year/1.0 credit*

Prerequisites: Spanish I

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. Provide opportunities to increase understanding of Spanish-speaking cultures.

Course: *Honors Spanish III (60.07300)*

Grade: 11-12 (*10th with approval*)

Term: *Year/1.0 credit*

Prerequisites: Spanish I and II

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.

Course: *Honors Spanish IV (60.07400)*

Grade: 11-12

Term: *Year/1.0 credit*

Prerequisites: Spanish I, II and III

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.

Course: *AP Spanish: Language (60.07700)*

Grade: 11-12

Term: *Year/1.0 credit*

Prerequisites: Spanish I, Spanish II and Spanish III (Approval required)

Description: In AP Spanish Language, students hone their skills in listening, reading, storytelling and writing, using correct Spanish grammar. Students should already have a basic knowledge of the language and culture of Spanish speaking peoples and should have a reasonable proficiency in listening comprehension, speaking, reading, and writing.

LATIN COURSES

Course: *Latin I (61.04100)*

Grade: 9-12

Term: Year/1.0 credit

Prerequisites: None

Description: Introduces students to the Latin language and ancient Roman civilization. Emphasizes the ability to write simple Latin phrases and to understand simple Latin passages presented orally and in writing.

Course: *Latin II (61.04200)*

Grade: 10-12

Term: Year/1.0 credit

Prerequisites: Latin I

Description: Enhances level one skills and provides opportunities to translate longer, more challenging passages. Emphasizes how ancient Roman language and civilization has influenced Western language and civilization.

Course: *Honors Latin III (61.04300)*

Grade: 11-12

Term: Year/1.0 credit

Prerequisites: Latin I and II

Description: Enhances previously learned skills and introduces original works by Latin authors. The authors whose works are studied are Caesar, Catullus, Cicero, Horace, Ovid, and Vergil.

Course: *Honors Latin IV (61.04400)*

Grade: 12 (11 with approval)

Term: Year/1.0 credit

Prerequisites: Latin I, II, III

Description: Students will read and translate selections from Caesar's *Commentarii De Bello Gallico* and from Vergil's *Aeneid*. Both works will be read in their entirety in English. The course will focus on critical analysis of these texts, as well as the cultural, social, political, and economic history surrounding the Fall of the Roman Republic.

Course: *AP Latin: Vergil (61.04700)*

Grade: 11-12

Term: Year/1.0 credit

Prerequisites: Successful completion of Latin I, Latin II and Latin III with a B or better GPA (Approval required)

Description: AP Latin will consist of advanced readings of Latin poetry in accordance with the College Board recommended syllabi. Students will read and translate selections from Caesar's *Commentarii De Bello Gallico* and from Vergil's *Aeneid*. Both works will be read in their entirety in English. In addition to accurate and precise translation, the course will focus on critical analysis of the text through free-response essays, scansion and figures of speech, as well as background knowledge of the cultural, social and political history surrounding these two seminal works of Latin Literature.

MATHEMATICS

Four units of math credits are required for a state high school diploma, including three required courses.

*Denote required courses for both paths

Course sequence for students who started GPS math courses prior to the 2012-2013 school year

Students who started a GPS math course sequence prior to the 2012-2013 school year will continue on the GPS course pathway.

Course sequence for students who started CCGPS math courses starting in the 2012-2013 school year

Common Core Georgia Performance Standards math curriculum will be implemented in grades K-9 starting in August 2012.

Course: CCGPS Coordinate Algebra * (27.09710)

Grade: 9

Term: Year/1.0 credit

Prerequisites: 8th grade mathematics

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. TI-83+ graphing calculators are used.

Course: CCGPS Accelerated Coordinate Algebra/Analytic Geometry A (27.09750)

Grade: 9

Term: Year/1.0 credit

Prerequisites: Accelerated 8th grade mathematics

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.

Course: Mathematics II* (27.08200)

Grade: 9

Term: Year/1.0 credit

Prerequisites: Mathematics I

Description: The second in a sequence of GPS mathematics courses designed to prepare students to enter college at the calculus level. Includes complex numbers; quadratic, piecewise, and exponential functions; right triangles and right triangular trigonometry; properties of circles and statistical inference. TI-83+ graphing calculators are used.

Course: Accelerated Mathematics II* (27.09200)

Grade: 9

Term: Year/1.0 credit

Prerequisites: Accelerated Mathematics I or Mathematics II

Description: The second in a sequence of GPS mathematics courses designed to prepare students to take AB or BC Advanced Placement Calculus. Includes right triangle trigonometry; exponential, logarithmic, & higher degree polynomial functions; matrices; linear programming; vertex-edge graphs; conic sections; planes & spheres; population means; standard deviations & normal distributions. TI-83+ graphing calculators used.

Course: *Mathematics III* (27.08300)*

Grade: 10

Term: Year/1.0 credit

Prerequisites: Mathematics II

Description: The third in a sequence of GPS mathematics courses designed to prepare students to enter college at the calculus level. Includes exponential and logarithmic functions, matrices, polynomial functions of higher degree, conic sections, and normal distributions. TI - 83+ graphing calculators are used.

Course: *Accelerated Mathematics III* (27.09300)*

Grade: 10

Term: Year/1.0 credit

Prerequisites: Accelerated Mathematics II or Mathematics III

Description: A course in pre-calculus and statistics, designed to prepare students to take AB or BC Advanced Placement 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. TI - 83+ graphing calculators are used.

Course: *Mathematics IV (27.08400)*

Grade: 11-12

Term: Year/1.0 credit

Prerequisites: Accelerated Mathematics II or Mathematics III

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.

Course: *Advanced Mathematical Decision Making (27.08500)*

Grade: 12

Term: Year/1.0 credit

Prerequisites: Mathematics III or Accelerated Mathematics II or CCGPS Advanced Algebra

Description: 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.

Course: *AP Calculus-AB (27.07200)*

Grade: 11-12

Term: Year/1.0 credit

Prerequisites: Accelerated Math I – III or Math I – IV or CCGPS Pre Calculus or Accelerated CCGPS Pre Calculus (Approval Required)

Description: The objectives for this course follow the AP syllabus developed by the College Board for the AP Calculus AB Examination. Topics include limits; continuity; derivatives and various applications; integrals and various applications; and algebraic, transcendental, and trigonometric functions. A Texas Instruments TI-84+ graphing calculator or equivalent is required for this course.

Course: *AP Calculus-BC (27.07300)*

Prerequisites: Accelerated Mathematics III or Mathematics IV or Accelerated CCGPS Pre Calculus. (Approval Required)

Grade: 11-12

Term: Year/1.0 credit

Description: A rigorous course which follows the standards set forth by the College Board for Advanced Placement Calculus BC. This course may be taken either concurrently with Calculus AB or in the following year. The course permits the students to further examine and explore properties of functions and graphs limits and continuity, differential calculus, and integral calculus. Additional topics include parametric equations, polar curves, vectors, and infinite sequences and series. TI-84+ graphing calculators are required.

Course: AP Statistics (27.07400)

Grade: 11-12

Term: Year/1.0 credit

Prerequisites: Mathematics III or Accelerated Mathematics II or CCGPS Advanced Algebra, and overall 3.0 GPA (Approval required)

Description: The objectives for this course follow the AP syllabus developed by the College Board for the AP Statistics Examination. Topics include organizing data and looking for patterns, producing data, probability, and statistical inference. Students will be expected to write numerous papers using the tools of statistical inference. A Texas Instrument TI-83+ graphing calculator or equivalent is recommended for this course.

Course: Mathematics Support II, III (27.04500, 27.04600)

Grade: 9-11

Term: Year/1.0 credit

Prerequisites: Teacher recommendation only

Description: Elective course taught concurrently with core math course to provide additional support.

Course: CCGPS Mathematics Support (27.09810)

Grade: 9

Term: Year/1.0 credit

Prerequisites: Teacher recommendation only

Description: Elective course taught concurrently with core math course to provide additional support.

SCIENCE

*In order to receive a high school diploma, a student must earn four units of science credit. At least one year of biology and one year of one of the physical sciences (physical science **or** physics) are required for graduation.*

Course: Physical Science (40.01100)

Grade: 10-12

Term: Year/1.0 credit

Prerequisites: None

Description: Designed as a survey course of chemistry and physics. The curriculum 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 processes of inquiry.

Course: Physics (40.08100); Honors Physics (40.28100)

Grade: 11-12

Term: Year/1.0 credit

Prerequisites: C or better in Math I

Description: Covers basic mechanics, kinetic theory, thermodynamics, wave mechanics, electricity and magnetism, and some modern physics concepts. This is a laboratory based course.

Course: Chemistry (40.05100); Honors Chemistry (40.25100)

Grade: 10 (recommended)

Term: Year/1.0 credit

Prerequisites: Math I, Physical Science or Physics

Description: Introduces chemistry; covers science process skills, units of chemistry, atoms and collections of atoms, periodicity and bonding, compounds and reactions, characteristics of states of matter, acid/base chemistry, chemical dynamics and equilibrium, research skills and lab safety. This is a laboratory- based course.

Course: *Biology (26.01200); Honors Biology (26.21200)*

Grade: 9

Term: Year/1.0 credit

Prerequisites: None

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.

Course: *Human Anatomy and Physiology (26.07300)*

Grade: 12 (recommended)

Term: Year/1.0 credit

Prerequisites: Biology

Description: Covers science process skills and laboratory safety, body organization, chemistry of life, cells and tissues, homeostasis, systems of the body (skeletal, muscular, nervous, endocrine, circulatory, respiratory, digestive, urinary, and reproduction). Includes research and reference skills.

Course: *Environmental Science (26.06110)*

Grade: 12 (recommended)

Term: Year/1.0 credit

Prerequisites: Biology, and Physical Science or Physics I

Description: Environmental Science is designed as an integrated and global approach to science and technology. The concepts in this course focus on the links between living things, their surroundings, and the total environment of the planet. The scientific principles and related technology will assist the student in understanding the relationships between local, national, and global environmental issues. The intent of the course is to help individuals become informed, get involved, and care for themselves and the environment.

Course: *Genetics (26.01500) PAIRED WITH BOTANY*

Grade: 12 (recommended)

Term: Semester/.5 credit

Prerequisites: Biology

Description: Covers Mendel's Laws of Heredity, chromosomal basis of inheritance, molecular basis of inheritance, gene to protein synthesis, gene expression and control, molecular technology, and recombinant DNA. Genetics may be linked with Forensic Science.

Course: *Botany (26.031000) PAIRED WITH GENETICS*

Grade: 12 (recommended)

Term: Semester/.5 credit

Prerequisites: None

Description: Botany offers students an intensive study of the interrelationships, behaviors, and adaptations that allow for the biological success of plants. The course encompasses an integrative approach to the study of plant biology from organism to community levels. Connections are made between plants and their natural environment through classroom and fieldwork experiences. Effects of human influence and disturbance on the success of plant species are analyzed. Students will become familiar with aspects of plant care and maintenance.

Course: *AP Physics (40.08300)*

Grade: 11-12

Term: Year/1.0 credit

Prerequisites: Successful completion of Physics, Biology, and one of the following: Math III, or Accel. Math II (Approval Required)

Description: The objectives for this course follow the AP syllabus developed by the College Board for the AP Physics B Examination. Topics covered are kinematics, Newton's Law of Motion, work, power, systems of particles, linear momentum, rotation, oscillation and gravitation, temperature and heat, kinetic theory and thermodynamics, electrostatics, conductors, capacitors, dielectrics, electric circuits, electromagnetism, waves and optics, atomic physics, and nuclear physics.

Course: AP Biology (26.01400)

Grade: 11-12

Term: Year/1.0 credit

Prerequisites: Successful completion of Physical Science or Physics, Biology I, and Math II or Accel. Math II; Eleventh graders must have either taken Chemistry or will take it concurrently. (Approval required)

Description: The objectives for this course follow the AP syllabus developed by the College Board for the AP Biology Examination. Topics covered are biological chemistry, cells, energy transformations, molecular genetics, heredity, evolution, taxonomy and systematics, monera, protista, fungi, plants, animals, and ecology.

Course: AP Chemistry (40.05300)

Grade: 11-12

Term: Year/1.0 credit

Prerequisites: Successful completion of Physical Science or Physics, Chemistry, and Math II or Accel. Math II. Eleventh graders must have either taken Biology or will take it concurrently. (Approval required)

Description: The objectives for this course follow the AP syllabus developed by the College Board for the AP Chemistry Examination. Topics covered are atomic theory and structure, chemical bonding, nuclear chemistry, gases, liquids, solids, solutions, types of reactions, stoichiometry, equilibrium, kinetics, and thermodynamics.

Course: AP Environmental Science (26.06200)

Grade: 12

Term: Year/1.0 credit

Prerequisites: Physical Science or Physics, Chemistry, Biology, and Math II or Accel. Math II (Approval required)

Description: AP Environmental Science is the equivalent of a one-semester, introductory college course in environmental science. The goal of the course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. Environmental science is interdisciplinary; it embraces a wide variety of topics from different areas of study including biology, chemistry, earth science, social sciences, and politics. There is a strong laboratory and field study component to this course that requires students to participate in some activities outside of the normal classroom hours. Experiences both in the laboratory and in the field provide students with unique opportunities to explore how classroom-learned concepts apply to the "real world."

Course: Oceanography (40.07100)

Grade: 11 (recommendation from Mrs. Ellis required)

Term: Year/1.0 credit

Prerequisites: Biology, Physical Science or Physics, Chemistry)

Description: Designed to emphasize the interconnectedness of multiple science disciplines and the power to stimulate learning and comprehension across broad scales. Thus, **students must have a basis** in the major disciplines of physics, chemistry, geology, and biology, from which this cross-disciplinary thinking can be nurtured. Students will recognize that the ocean is a dynamic system reflecting interactions among organisms, ecosystems, chemical cycles, and physical and geological processes, on land, in air, and in the oceans. Students will investigate oceanography concepts through experience in laboratories and fieldwork using the processes of inquiry.

Course: Forensic Science (40.09300)

Grades: 11-12

Term: Year/1.0 credit

Prerequisites: Biology, Physical Science or Physics, Chemistry)

Description: Designed to build upon science concepts and to apply science to the investigation of crime scenes. It serves as a fourth year of science for graduation. Students will learn the scientific protocols for analyzing a crime scene, how to use chemical and physical separation methods to isolate and identify materials, how to analyze biological evidence, criminal use of tools, including impressions from firearms, tool marks, and arson.

SOCIAL STUDIES

To receive a diploma, every student must earn 1 credit of U.S. History, ½ credit of Economics, ½ credit of Citizenship, ½ credit of World Geography and 1 credit of World History.

Course: American Government/Civics (45.05700) PAIRED WITH WORLD GEOGRAPHY

Grade: 9

Term: Semester

Prerequisites: None

Description: Provides students with a background in the philosophy, functions, and structure of the United States government. Students examine the philosophical foundations of the United States government and how that philosophy developed. Students also examine the structure and function of the United States government and its relationship to states and citizens.

Course: World Geography; Honors World Geography (45.07110) PAIRED WITH AMER.GOV'T/CIVICS

Grade: 9

Term: Semester

Prerequisite: None

Description: Provides students with an introduction to both physical and cultural geography. After an introduction to geography, students study each major region of the world. For each region, students learn about the importance of the physical geography and its impact on the region's development. Students study cultural aspects of each region and examine the influence of geography on the cultural development of each region.

Course: World History; Honors World History (45.08300)

Grade: 10

Term: Year

Prerequisites: American Government/Civics and World Geography

Description: Provides students with a comprehensive, intensive study of major events and themes in world history. Students begin with a study of the earliest civilizations worldwide and continue to examine major developments and themes in all regions of the world. The course culminates in a study of change, continuity and globalization at the beginning of the 21st century.

Course: U.S. History; Honors U.S. History (45.08100)

Grade: 11

Term: Year

Prerequisites: American Government/Civics, World Geography and World History

Description: Provides students with a comprehensive, intensive study of major events and themes in United States history. Beginning with early European colonization, the course examines major events and themes throughout United States history. The course concludes with significant developments in the early 21st century.

Course: AP World History (45.08110)

Grade: 10

Term: Year

Prerequisites: American Government/Civics and World Geography (Approval required)

Description: Although this course is for sophomores, it should be noted that it is a college-level course that requires a great deal of self-directed work. The course conforms to College Board guidelines for the AP World History Examination and covers the political, cultural, economic, and social development of civilizations. Students will study the development of ancient civilizations, the emergence of nations through trade/communication, intellectual development, scientific and technological development, emergence of nation states, nations in conflict, and the emerging interdependence of nations.

Course: *AP U.S. History (45.08200)*

Grade: 11

Term: Year

Prerequisites: American Government/Civics, World Geography and World History (Approval required)

Description: Provides students with the factual knowledge and analytical skills necessary to deal critically with the problems and issues central to our American history and culture. Students will learn to interpret and evaluate the relative significance of primary and secondary source materials, and to present evidence and conclusions clearly and persuasively in essay format required for the AP U.S. History Examination. Covers a broad range of topics including Colonial America, Revolutionary America, Federalism, Nationalism and Jacksonian Democracy, Expansion and Sectionalism, the Civil War and Reconstruction, Industrial America, the Progressive Era, World War I, the Depression Era, World War II, the Cold War, and Modern American Society.

Course: *Economics (45.06100)*

Grade: 11-12

Term: Semester

Prerequisites: American Government/Civics, World Geography, World History

Description: Provides students with a basic foundation in the field of economics. The course has five sections: fundamental concepts, microeconomics, macroeconomics, international economics, and personal finance. In each area, students are introduced to major concepts and themes concerning that aspect of economics.

ELECTIVES

The following courses are open to all students.

COMMUNICATION ELECTIVES

Course: *Oral/Written Communication (23.04200)-PAIRED WITH JOURNALISM I (part 1)*

Grade: 9-12

Term: Semester

Prerequisites: None

Description: Focuses on critical thinking, organization and communicating appropriately to different audiences; emphasizes writing and public speaking skills.

Course: *History in Film (45.08120) PAIRED WITH DA FILM/VIDEO/TV (52.07100)*

Grade: 10-12

Term: Semester

Prerequisites: Successful completion of 9th Grade Literature and Composition

Description: Provides an overview of film that includes a review of the history of film, technological advances in the industry and an examination of how and why the medium of film influences modern man and our culture. Topics will include the history of American filmmaking, understanding the visual language and craft of filmmaking (editing, points of view, lighting, cinematography) and film genres. Emphasis will be given to film analysis and developing a criteria for film evaluation.

Course: *DA Film/Video/TV (52.07100) PAIRED WITH HISTORY IN FILM (45.08120)*

Grade: 10-12

Term: Semester

Prerequisites: None

Description: Explores the basics of video production including equipment setup and care, script formats, script writing and story boarding, the production process, shooting video, editing video with Final Cut Pro.

Course: *Speech/Forensics I (23.0460060)*

Grade: 9-10

Term: Year/1.0 credit

Prerequisites: None

Description: Emphasizes understanding of various forensic speaking formats while applying reasoning, research skills, methods of persuasion, and delivery skills.

Course: *Speech/Forensics II (23.0470060)*

Grade: 10-12

Term: 1.0 credit

Prerequisites: Speech/Forensics I

Description: Provides students with an understanding of philosophical and political theory based in argumentation theory; concentrates on increasing persuasion skills as well as interpretation of drama, prose, and poetry.

Course: *Speech/Forensics III (23.0480060)*

Grade: 11-12

Term: 1.0 credit

Prerequisites: Speech/Forensics II

Description: Students receive intensive training in the areas of research, argumentation, persuasive speaking, political commentary, and/or oral interpretation of drama, prose, and poetry.

Course: *Speech/Forensics IV (23.0490060)*

Grade: 12

Term: 1.0 credit

Prerequisites: Speech/Forensics III

Description: Students receive intensive training in the areas of research, argumentation, persuasive speaking, political commentary, and/or oral interpretation of drama, prose, and poetry.

ENGLISH ELECTIVES

Course: *Oral/Written Communication (23.04200) OPEN ELECTIVE - PAIRED WITH JOURNALISM I (Part I) (C & J Academy); PAIRED WITH LAW & JUSTICE (PP&J Academy)*

Grade: 9

Term: Semester

Prerequisites: None

Description: Focuses on critical thinking, organization, and communicating appropriately to different audiences; emphasizes writing and public speaking skills.

Course: *Advanced Composition (23.03400) PAIRED WITH JOURNALISM I (Part II)*

Grade: 10

Term: Semester

Prerequisites: Communications Academy students who have taken Computer Applications paired with Personal Fitness

Description: Students will get the chance to work in a deadline-driven environment that mimics what they will experience in the real publications: yearbook, newspaper, lit mag and *Nexus*. They will write feature stories, editorials, sports stories and straight news, plus take photos, write captions and learn how to create great headlines and subheads.

Course: SAT Prep (35.066000)

Grade: 11, 12

Term: Semester/.5 credit

Prerequisites: 9th Literature/Composition and 10th Literature/Composition

Description: This course has been developed in conjunction with the Georgia Performance Standards (GPS) and is consistent with the Georgia State Curriculum. While focusing on the SAT/ACT, students will develop an understanding of test-taking skills and strategies. By the end of this Semester course, students will be able to: apply skills and strategies learned on the SAT/ACT test, analyze and evaluate an effective essay, demonstrate problem-solving techniques, explore understanding of new words, and examine the importance of the SAT/ACT.

Course: Writer's Workshop (Sports Writing) (23.0310001)

Grade: 10-12

Term: Year/1.0 credit

Prerequisites: 9th Literature/Composition

Description: This elective class focuses on sports writing, including covering games, writing athlete profiles, narrative feature stories and sports columns. Students will learn how to efficiently record live game stats and write game stories. They will read, discuss and critique sports articles of all kinds and write editorial responses to them, and eventually write their own feature profiles and columns. All student work will be considered for publication on The Southerner website.

FINE ART ELECTIVES

Course: Introductory Art-Visual Art Composition 1 (50.02110)

Grade: 9-12

Term: Semester/.5 credit

Prerequisites: Interest in art (THIS COURSE SERVES AS THE PREREQUISITE FOR ALL OTHER ART CLASSES.)

Description: Introduces art history, art criticism, aesthetic judgment and studio production using a variety of media, presentations, projects and research.

Course: Contemporary Music Studies (50.02600)

Grade: 9-12

Term: Semester/.5 credit

Prerequisites: Interest in Music

Description: Provides opportunities to explore the historical and socio-cultural development of indigenous American ethnic and folk music [including modern popular music, hip-hop, R&B, rap, rock and roll, jazz, blues etc.] The course traces the roots of the music to its origins, styles, composers, performers and socio-political influences.

Course: Drawing and Painting I (50.03130)

Grade: 10-12

Term: Semester/.5 credit

Prerequisites: Introductory Art

Description: Explores a variety of drawing techniques, media, art criticism, and art history. This class explores the creative process, technical discipline, and self-expression through two-dimensional image making and representation using pen, pencil, collage and paint.

Course: Drawing and Painting II & III (50.03140)

Grade: 10-12

Term: Semester/.5 credit

Prerequisites: Introductory Art, Drawing and Painting I, D/P III requires instructor permission.

Description: D/P II expands on previous experience and explores illusion, perspective, observational drawing, and human figure representation. This class is intended as a portfolio builder for more serious student artists. D/P III students will pursue a more individualistic set of goals culminating in a final portfolio evaluation.

Course: *Sculpture I (50.06110)*

Grade: 10-12

Term: Semester/.5 credit

Prerequisites: Introduction to Art

Description: Introduces the design and production of three dimensional art with a variety of media, tools, collaboration, art criticism, and art history.

Course: *Introduction to Fashion Marketing (08.41300)*

Grade: 9-12

Term: Year/1.0 credit

Prerequisites: None

Description: This course will introduce the student to the fashion industry including the fundamentals of fashion marketing, types of businesses involved in the industry, and the array of career opportunities available in fashion marketing. Students will develop skills in such areas as fashion economics, marketing segmentation and target marketing, product selection and buying, and inventory systems. In order to increase the number of application experiences, students should participate in work-based learning activities and the student organization, DECA, An Association of Marketing Students. It is also highly advantageous for students to participate in a school-based enterprise.

Course: *Fabric/Fibers Design I (50.04210)*

Grade: 9-10 (11th-12th with approval)

Term: Semester/.5 credit

Prerequisites: Introduction to Art

Description: Analyzes current fashion trends and explores unconventional methods for making clothes.

Course: *Fabric/Fibers Design II (50.04220)*

Grade: 10-12

Term: Year/1.0 credit

Prerequisites: Introduction to Art and Fabric Design I

Description: A continuation of Fabric Design I with a closer study of the fashion industry.

Course: *Fabric/Fibers Design III (50.04230)*

Grade: 10-12

Term: Year/1.0 credit

Prerequisites: Introduction to Art and Fabric Design I & II

Description: A continuation of Fabric Design II with a focus on accessories.

Course: *Fabric/Fibers Design IV (Senior Line) (50.04240)*

Grade: 11-12

Term: Year/1.0 credit

Prerequisites: Introduction to Art and Fabric Design I, II, & III

Description: Intense design and fabrication of a fashion portfolio culminating in multiple public exhibitions.

Course: *AP Studio Art (50.08100)*

Grade: 12

Term: Year/1.0 credit

Prerequisites: Successful completion of three art courses at Grady High School (B or better GPA) and/or portfolio review by instructor.

Description: Students work in various modes with an emphasis on individual exploration and production. Students also study advanced art criticism, exhibition practices and portfolio documentation. Refer to the AP booklet and College Board (www.collegeboard.org/studioart) website for additional information on requirements and the application process. The course varies depending on students' abilities. Includes emphases in drawing, painting, 2D art and 3D art.

Course: Theater Arts/Fundamentals of Drama 1(52.02101)

Grade: 9-12

Term: Semester/.5 credit

Prerequisites: None

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. *This course can not be repeated for credit.*

Course: Theater Arts/Acting I (52.06100)

Grade: 10-12

Term: Year/1.0 credit

Prerequisite: Fundamentals of Drama (recommended B or above)

Description: Introduces advanced acting process. Stresses developing imagination, observation, concentration powers and self-discipline. Includes developing physical and vocal control while transmitting emotions, convictions and ideas; enhances self-confidence and self-awareness. Focuses on scene study. *This course can be repeated for credit. (Acting II, III, and IV)*

Course: Advanced Drama 1 (52.05100)

Grades: 10-12

Term: Year/1.0 credit

Prerequisite: Acting 1

Description: Advanced Drama Projects for students to direct and produce Senior One-Acts. Students are acting or technicians working directly with student directors on their individual production.

Course: Theater Arts/Technical Theatre I (52.04102)

Grade: 9-12

Term: Semester/.5 credit

Prerequisite: None

Description: Introduces technical considerations of play production; covers properties, lighting and settings, program, box office, marketing, management, make-up and costumes. *This course can't be repeated for credit.*

Course: Theater Arts/Technical Theatre II (52.04200)

Grade: 10-12

Term: Year/1.0 credit

Prerequisite: Tech Theatre I

Description: Enhances level-one skills and introduces aspects of drafting, creation of lighting, sound, properties, costume and make-up design. Offers opportunities to apply skills in these areas. *This course can be repeated for credit. (Tech Theatre II, III, IV)*

Course: Theater Arts/Musical Theatre I (52.03100)

Grade: 10-12

Term: Year/1.0 credit

Prerequisite: Recommendation only (Auditions before registration)

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. *This course can be repeated for credit. (Musical Theatre II, III)*

MUSIC ELECTIVES

Course: *Contemporary Music Studies (50.02600)*

Grade: 9-12

Term: *Semester/.5 credit*

Prerequisites: none

Description: Contemporary Music Studies (50.02600) provides opportunities to explore the historical and socio-cultural development of indigenous American ethnic and folk music [including modern popular music, hip-hop, R&B, rap, rock and roll, jazz, blues etc.] The course traces the roots of the music to its origins, styles, composers, performers and socio-political influences.

Course: *Beginning Band (53.03610)*

Grade: 9-12

Term: *Year/1 Credit*

Prerequisites: Interest in playing an instrument

Description: Provides opportunities to develop performance skills on a wind or percussion instrument.

Course: *Intermediate Band (53.03710)*

Grade: 9-12

Term: *Year/1 Credit*

Prerequisites: Successful completion of beginning band in middle or high school

Description: Provides opportunities for intermediate level performers to increase performance skills and precision on a wind or percussion instrument.

Course: *Advanced Band I, II, III, IV (53.03810, 53.03820, 53.03830, 53.03840)*

Grade: 9-12

Term: *Year/1 Credit*

Prerequisites: Successful completion of intermediate or advanced band in middle or high school; By audition only.

Description: Provides opportunities for advanced-level performers to increase performance skills and precision on a wind or percussion instrument. Students can take this course for four years.

Course: *Jazz Band; Advanced Jazz Band I, II, III, IV (53.06610, 53.06620, 53.06630, 53.06640)*

Grade: 9-12

Term: *Year/1 Credit*

Prerequisites: Successful audition with band teacher

Description: Jazz band engages the intermediate to advanced musician with multiple opportunities to increase skill and versatility through jazz ensemble performance. Students will play standards and modern works that swing.

Course: *Orchestra I (String Chamber), Beginning (53.05610)*

Grade: 9-12

Term: *Year/1 Credit*

Prerequisites: Interest in playing string instruments; some middle school experience required

Description: Introductory string orchestra experience to increase or initiate technical skill. Members will perform and may participate in All-State, District Honor Orchestra, and perform at GMEA Solo and Ensemble Festival.

Course: *Orchestra II & III (String Chamber), Intermediate (53.05720 & 53.05730)*

Grade: 9-12

Term: *Year/Credit*

Prerequisites: By Audition.

Description: For students with more advanced skill on string instruments. Course will focus on developing proper technique and advanced musicianship. Members will perform concerts and may participate in All-State, District Honor Orchestra, and perform at GMEA Solo and Ensemble Festival.

Course: *Orchestra IV (Philharmonic), Advanced (53.05840)*

Grade: 9-12

Term: Year/1.0 Credit

Prerequisites: Audition required before registration

Description: Members have advanced performance skills and experience. Heavy concentration on musicianship and performance of more difficult music. Students should have excellent drive to rehearse and perfect their skills. Members will perform and may participate in All-State, District Honor Orchestra, and perform at GMEA Solo and Ensemble Festival.

Course: *Beginning Mixed Chorus I (54.02110)*

Grade: 9-12

Term: Year/1.0 Credit

Prerequisites: None

Description: Offers opportunities for beginning-level performers to increase performance skills and knowledge.

Course: *Advanced Women's Chorus I, II, III, IV (54.02610, 54.02620, 54.02630 & 54.02640)*

Grade: 9-12

Term: Year/1.0 Credit

Prerequisites: Successful completion of intermediate chorus and/or audition; courses must be taken in sequential order. Placement is audition based.

Description: Provides opportunities for advanced level young women to develop performance skills and knowledge in all-female singing.

Course: *Advanced Men's Chorus I, II, III, IV (54.02910, 54.02929, 54.02930, 54.02940)*

Grade: 9-12

Term: Year/1.0 Credit

Prerequisites: Successful completion of intermediate chorus and/or audition; courses must be taken in sequential order. Placement is audition based.

Description: Provides opportunities for advanced level young men to develop performance skills and knowledge in all-male singing.

Course: *Beginning Chorus/Choral Ensemble I, II, III, IV (53.07110, 53.07120, 53.07130, 53.07140)*

Grade: 9-12

Term: Year/1.0 Credit

Prerequisites: None

Description: Provides opportunities to develop performance skills and knowledge in ensemble singing. Covers performance and production, analysis and theoretical studies, historical and cultural influences, creative aspects of music and appreciation of music. Stresses balance of individual progress and group success.

Course: *Advanced Chorus/Choral Ensemble I, II, III, IV (Chamber Singers) (54.02310, 54.2320, 54.2330, & 54.2340)*

Grade: 9-12

Term: Year/1.0 Credit

Prerequisites: Successful completion of intermediate or advanced chorus in middle school; courses must be taken in sequential order. Placement is audition based.

Description: Provides opportunities for advanced level performers to increase performance skills and knowledge in mixed choral singing. Students can take this course for four years. (By audition only)

Course: AP Music Theory (53.02300)

Grade: 10-12

Term: Year/1.0 Credit

Prerequisites: Successful completion of two years of Orchestra, Advanced Band or Advanced Chorus.

Must be enrolled in a music class concurrently with AP Music Theory.

Description: Covers terminology and notational skills, writing skills, visual analysis and aural skills, and advanced levels of understanding. Refer to the AP booklet for additional information on requirements and the application process.

Course: Musical Theatre I, II, and III (Music, Drama, Set Design) (52.03300)

Grade: 10-12

Term: Year/1.0 Credit

Prerequisites: Successful audition with drama or music teacher

Description: Covers three aspects of musical theater in depth including singing, acting, and dancing. Course participants will be creating performances, enhancing personal performance portfolios, and engaging in a dynamic, collaborative, multidimensional environment.

Course: Beginning Guitar (53.08410); Intermediate Guitar (53.08510)

Grade: 9-12

Term: Year/1.0 Credit Beginning Guitar (Fall) Intermediate Guitar (Spring)

Prerequisites: None; beginning guitar required for Intermediate Guitar

Description: Provides a basic introduction to playing guitar and reading guitar music and chords.

SOCIAL STUDIES ELECTIVES

Course: Sociology (45.03100) PAIRED WITH PSYCHOLOGY

Grade: 11-12

Term: Semester

Prerequisites: American Government/Civics, World Geography and World History

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.

Course: Sub-Saharan Studies 45.07500 PAIRED WITH ETHNIC STUDIES

Grade: 11-12

Term: Semester

Prerequisites: American Government/Civics, World Geography and World History

Description: Explores the African Diaspora. Focusing on the Sub-Saharan countries of West Africa and the transatlantic slave trade to the Americas. Research will continue with the connection of the Gullah/ Geechie culture to the West African heritage. Students learn the concept of culture and the dynamics of relating ancestry to contemporary lives. Students will experience learning through oral projects, written work, collaborative models and other exercises, which involve studying through multisensory approaches.

Course: Ethnic Studies (45.03200) PAIRED WITH SUB-SAHARAN STUDIES

Grade: 11-12

Term: Semester

Prerequisites: American Government/Civics, World Geography and World History

Description: Examines the construction and context of ethnicity in the United States. The course intends for students to understand the opportunities and responsibilities they have as citizens in an increasingly multicultural society. Looks at ethnicity through an historical and comparative perspective paying close attention to the experiences of underrepresented communities in North America. Students will be asked to analyze the contributions of individuals to their communities regardless of obstacles they face.

Course: *Psychology (45.01500) PAIRED WITH SOCIOLOGY*

Grade: 11-12

Term: *Semester*

Prerequisites: American Government/Civics, World Geography and World History

Description: This one-semester study of Psychology emphasizes the systematic and scientific study of human behavior. It is not the pursuit of various opinions that have no basis in careful observation and experimentation. The course is divided into seven major units of study. They are: (1) Approaches to Psychology, (2) Brain, Body and Awareness, (3) Cognitive Processes, (4) Human Development (5) Personality, Adjustment and Conflict, (6) Psychological Disorders, and (7) Socio-cultural Influences and Self. This course is designed to provide a balance between theoretical psychology and practical psychology.

Course: *Comparative World Religions (45.01100)*

Grade: 11-12

Term: *Year*

Prerequisites: American Government/Civics, World Geography and World History

Description: The class will be conducted on the collegiate level and it is highly recommended that students have a prerequisite of either AP World History or AP United States History in order to register. Students will be required to read long texts from at least seven world religions and answer an essay prompts using documents supplied by the teacher (i.e. DBQ). In the second semester students will have to write a 20 page typed research paper (not including all of the supporting data) that will count for 40% of their second semester grade. This paper will require that students know how to use APA style and manipulate documents on a collegiate level compares major religions of the world; covers ethical-philosophical teachings, historical development, social and cultural impact on various societies and commonalities found in all religions. Integrates and reinforces social studies skills.

Course: *AP Microeconomics (45.06300) PAIRED WITH AP MACROECONOMICS*

Grade: 11-12

Term: *Fall Semester*

Prerequisites: American Government/Civics, World Geography, and World History (Approval required)

Description: Provides thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the larger economic system. It places primary emphasis on the nature and function of product markets, and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy. It includes the following concepts: scarcity, opportunity costs and production possibilities, functions of product market, supply and demand, models of consumer choice, firm factor markets, efficiency, equity, and the role of government.

Course: *AP Macroeconomics (45.06200) PAIRED WITH AP MICROECONOMICS*

Grade: 11-12

Term: *Spring Semester*

Prerequisites: American Government/Civics, World Geography, World History and AP Microeconomics (Approval required)

Description: Covers basic economic concepts, measurement of economic performance, national income and price determination and international economics and growth. Students examine the economic effects of government budget deficits, consider the issues involved in determining the economic effects of government budget deficits, consider the issues involved in determining the burden of the national debt, and explore the relationships between deficits, interest rates and inflation.

Course: *AP Psychology (45.01600)*

Grade: 12

Term: *Year/1.0 Credit*

Prerequisites: American Government/Civics, World Geography, World History and U.S. History (Approval Required)

Description: Introduces students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major sub-fields within psychology. They also learn about the ethics and methods psychologists use in their science and practice.

Course: *AP Government/Politics: Comparative (45.05300)*

Grade: 11 -12

Term: *Year/1.0 Credit*

Prerequisites: American Government/Civics, World Geography, World History and U.S. History (Can be taken concurrently; approval required).

Description: Includes both the study of general concepts used to interpret U.S. politics and the analysis of specific examples. Also requires familiarity with various institutions, groups, beliefs, and ideas that constitute U.S. politics. Six broad topics form the structure of this course: constitutional underpinnings of U.S. government; political beliefs and behaviors; political parties, interest groups, and mass media; institutions of national government; public policy; and civil rights and civil liberties.

Course: *Latin Studies (45.07300) PAIRED WITH ASIAN STUDIES*

Grade: 11-12

Term: *Semester*

Prerequisites: American Government/Civics, World Geography, World History

Description:

Course: *Asian Studies (4507200.) PAIRED WITH LATIN STUDIES*

Grade: 11-12

Term: *Semester*

Prerequisites: American Government/Civics, World Geography, World History

Description:

BIOMEDICAL SCIENCES AND ENGINEERING ACADEMY

Biomedical Sciences Pathway

Course: Intro to Healthcare Science *(25.52100)*

Grade: 9-10

Term: *Year/1.0 credit*

Prerequisites: None

Description: Investigates the human body systems and various health conditions including heart disease, diabetes, sickle-cell disease, hypercholesterolemia, and infectious diseases. Students determine the factors that led to the death of a fictional person, and investigate lifestyle choices and medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, medicine, research processes and bioinformatics. Designed to provide an overview of all courses in the Biomedical Sciences program and lay the scientific foundation for subsequent courses.

Course: *Application to Therapeutic Services (25.52200)*

Grade: 10

Term: Year/1.0 credit

Prerequisites: Intro to Healthcare Science

Description: Examines the interactions of body systems and explores identity, communication, power, movement, protection, and homeostasis. Students design experiments, investigate the structures and functions of the human body, and use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration. Exploring science in action, students build organs and tissues on a skeletal manikin, work through interesting real world cases and often play the role of biomedical professionals to solve medical mysteries.

Course: *General Medicine (25.52500)*

Grade: 11

Term: Year/1.0 credit

Prerequisites: Intro to Healthcare Science & Application to Therapeutic Services

Description: The general medicine course is designed to offer students (preferably upper classmen -juniors or seniors) the opportunity to become effective and efficient multi-skilled healthcare providers. They develop a working knowledge of each of the major departments of the average acute care setting/hospital, to include but not limited to: Orthopedics, Cardiology, Diagnostic Imaging, MedSurg, Gastroenterology, Urology, and Customer Care Services. Students that focus on a career path in medicine (Pre-Med) or on a career in one of the ancillary departments listed above will apply classroom/lab knowledge and skills in the clinical setting as they participate in direct client care. The work-based learning strategy appropriate for this course is a minimum 40-hour clinical practicum. Special Note: *When taken as the fourth course in the Therapeutic Services -Nursing career pathway, students successfully completing may be eligible to sit for Patient Care Technician Certification.*

Course: *Nursing Essentials (25.06100)*

Grade: 12

Term: Year

Prerequisites: Therapeutic Applications. This course requires approval from Mrs. McNeal.

Description: Enhances level two skills; Certification as a nursing assistant is an option.

Course: *Therapy Service Nursing Internship (25.56300)*

Grade: 12

Term: Year

Prerequisites: Therapeutic Applications and Nursing Essentials (Final class in the Therapeutic Applications pathway.) This course requires four blocks in the student's schedule and prior approval from Mrs. McNeal.

Description: Enhances level three skills; offers a clinical work-based experience/internship in a medical or other allied health setting and prepares students to assist in care of medical patients under the direction of medical staff. Certification as a nursing assistant is an option.

Engineering Pathway

Course: *Foundations of Engineering and Technology(21.42500)*

Grade: 9-10

Term: Year/1.0 credit

Prerequisites: None

Description: Exposes students to the design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards and technical documentation. Students use 3D solid modeling design software to help them solve proposed problems and learn how to document their work and communicate solutions to peers and members of the professional community.

Course: *Engineering Applications (21.47200)*

Grade: 10

Term: *Year/1.0 credit*

Prerequisites: Introduction to Engineering Design (IED)

Description: Exposes students to major concepts they'll encounter in a postsecondary engineering course of study. Employs engineering and scientific concepts in the solution of engineering design problems. Develops problem-solving skills and applies the knowledge of research and design to create solutions to various challenges, documenting student work and communicating solutions to peers and members of the professional community.

Course: *Engineering Concepts (21.47100)*

Grade: 11

Term: *Year/1.0 credit*

Prerequisites: *Engineering Applications*

Description: Designed to further the development of student knowledge and skills in engineering and related mechanical design drafting areas. Emphasis is placed on 3-D working and assembly drawings including rendering and animation.

BUSINESS AND ENTREPRENEURSHIP ACADEMY

Small Business Development Pathway

Course: *Business Essentials (06.41600)*

Grade: 9-10

Term: *Year*

Prerequisite: None

Description: Business Essentials is a foundations course for the Small Business Development Career Pathway. It is also appropriate for students enrolled in any career pathway who plan to own and operate their own business. The course will help students build a strong knowledge base and develop management skills as they study forms of business ownership, functions of management, budgeting and finance, technology, communications, legislation, leadership and teamwork, marketing, and economics. Mastery of these standards through project-based learning and leadership development activities of the Career and Technical Student Organizations will help prepare students with a competitive edge for the global marketplace.

Course: *Legal Environment of Business (06.41500)*

Grade: 10-11

Term: *Year*

Prerequisite: Business Essentials and/or Marketing Principles

Description: Legal Environment of Business is the second course in the Small Business Development Career Pathway. This course concentrates on the legal aspects of business ownership and management. Legal issues will include contracts, sales, consumer law, agency and employment law, personal and real property, risk management, environmental law, and government effects on business. The impact of ethics on business operations will be studied. International business principles are infused in the standards for Legal Environment of Business. 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.

Course: *Entrepreneurial Ventures (06.41700)*

Grade: 11-12

Term: Year

Prerequisite: Business Essentials and/or Marketing Principles; Legal Environment of Business;

Description: Entrepreneurial Ventures is the third course in the Small Business Development Career Pathway. 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 Entrepreneurial Ventures. An integral component of the Entrepreneurial Ventures course is a school-based or community-based entrepreneurial 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.

Course: *Entrepreneurship (08.436000)*

Grade: 10-11

Term: Year

Prerequisite: Business Essentials and/or Marketing Principles; Legal Environment of Business; Partnership with GA Pacific; Mr. Pilson Recommendation Necessary

Description:

Sports & Entertainment Marketing Pathway

Course: *Marketing Principles (08.47400)*

Grade: 9-10

Term: Year

Prerequisite: None

Description: Marketing Principles is the foundational course for all pathways in Marketing Education. Marketing Principles addresses all the ways in which marketing satisfies consumer and business needs and wants for products and services. Students develop an understanding of the functions of marketing and how these functional areas affect all businesses. They learn basic marketing concepts and the role of marketing in our economy. Students also develop skills in applying economic concepts to marketing, distribution and logistics; marketing information management; finance in marketing; product/service planning; pricing mixes; promotional strategies; and personal selling. In order to increase the number of application experiences, students should participate in work-based learning activities and the student organization, DECA, an association of marketing students. It is highly advantageous for students to participate in a school-based enterprise where available.

Course: *Introduction to Sports & Entertainment Marketing (08.47800)*

Grade: 10-11

Term: Year/1.0 credit

Prerequisite: Marketing Principles

Description: This course introduces the student to the major segments of the sports and entertainment industry and the social and economic impact it 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 Skills, Selling, Marketing-Information Management, Economics, Distribution, Pricing, Advertising, Publicity/Public Relations, Sales Promotion, Business Risks, and Organization. To increase the number of application experiences, students should participate in work-based learning activities and the student organization, DECA, an association of marketing students. It is highly advantageous for students to participate in a school-based enterprise where available.

Course: *Advanced Sports & Entertainment Marketing (08.48500)*

Grade: 11-12

Term: Year/1.0 credit

Prerequisite: Marketing Principles; Introduction to Sports & Entertainment Marketing

Description: This course provides students opportunities to develop managerial and analytical skills and deepen their knowledge in sports/entertainment marketing. Topical units include: Marketing-Information Management, Selling, Publicity/Public Relations, Sales Promotion, Management of Promotion, Product Mix, Pricing, Positioning, and Marketing Planning. Project-based instruction, together with a variety of work-based learning activities, should be incorporated in this course to provide real-world application. Competitive event standards for the co-curricular student organization, DECA, an association of marketing education students are integral components of the curriculum's core employability and technical-skills standards. Therefore, DECA competitive events should be incorporated with other instructional strategies developed for the course.

Course: *Work-Based Learning Marketing/Business (08.71140)*

Grade: 12

Term: Year/2.0 credits

Prerequisite: Marketing Principles, Intro and Advanced Sports and Entertainment Marketing

Description: Enhances work-site learning experiences for marketing students. Requires supervision by the marketing instructor, training plan, and training agreement evaluated by the employer and the instructor. Interested seniors MUST interview with Dr. Dunton, room E-206, for approval.

FASHION MARKETING PATHWAY

Course: *Marketing Principles (08.47400)*

Grade: 9-10

Term: Year

Prerequisite: None

Description: Marketing Principles is the foundational course for all pathways in Marketing Education. Marketing Principles addresses all the ways in which marketing satisfies consumer and business needs and wants for products and services. Students develop an understanding of the functions of marketing and how these functional areas affect all businesses. They learn basic marketing concepts and the role of marketing in our economy. Students also develop skills in applying economic concepts to marketing, distribution and logistics; marketing information management; finance in marketing; product/service planning; pricing mixes; promotional strategies; and personal selling. In order to increase the number of application experiences, students should participate in work-based learning activities and the student organization, DECA, an association of marketing students. It is highly advantageous for students to participate in a school-based enterprise where available.

Course: *Introduction to Fashion Marketing (08.41300)*

Grade: 9-12

Term: Year/1.0 credit

Prerequisites: None

Description: This course will introduce the student to the fashion industry including the fundamentals of fashion marketing, types of businesses involved in the industry, and the array of career opportunities available in fashion marketing. Students will develop skills in such areas as fashion economics, marketing segmentation and target marketing, product selection and buying, and inventory systems. In order to increase the number of application experiences, students should participate in work-based learning activities and the student organization, DECA, An Association of Marketing Students. It is also highly advantageous for students to participate in a school-based enterprise.

COMMUNICATIONS AND JOURNALISM ACADEMY (Communications Magnet and Graphic Communications)

Course: *Computer Applications M (07.4411061)*

Grade: 9

Term: *Semester*

Prerequisites: None; required for all Communications and Journalism Academy students

Description: Course is designed to train students in the use of software that supports instruction in graphic design utilizing the Macintosh (OS X) environment. Projects will introduce students to the nature of graphic design and visual problem solving through an overview of principles of formal design. Includes typography, layout and proper techniques related to preflight, packaging and going to press. Introduces the methodology and work habits required to support production within the varies of pathways of the Communications & Journalism academy.

Course: *Journalism I (PART 1) (23.0320061) - PAIRED WITH ORAL AND WRITTEN COMMUNICTAIONS*

Grade: 9

Term: *Semester*

Prerequisites: None; required for all Communications and Journalism Academy students

Description: Explores journalism through a variety of mass media and analyzes the media's impact on popular culture. Students will complete numerous projects throughout the semester and will present their projects to the class.

Course: *Oral/Written Communication (23.0420001) PAIRED WITH JOURNALISM I (PART 1)*

Grade: 9

Term: *Semester*

Prerequisites: None; required for all Communications and Journalism Academy students.

Description: Focuses on critical thinking, organization, and communicating appropriately to different audiences; emphasizes writing and public speaking skills.

Course: *Advanced Composition (23.0340001) - PAIRED WITH JOURNALISM I (PART 2)*

Grade: 10

Term: *Semester*

Prerequisites: None; required for all Communications and Journalism Academy students in the Print Journalism Pathway.

Description: Aimed at preparing sophomores for entry into Grady's publications their junior year. Students will hone their skills in writing both straight news and feature stories.

Course: *Journalism I (PART 2) (23.0320062) - PAIRED WITH ADVANCED COMPOSITION*

Grade: 10

Term: *Semester*

Prerequisites: Journalism I (Part 1); required for all Communications and Journalism Academy students in the Print Journalism Pathway.

Description: Cultivates a thorough understanding of the fundamental principles of sound journalism and the history of print and broadcast journalism. Explores various modes of journalistic writing, including news, feature, editorial, and column. Students are expected to read the newspaper daily and supplemental outside readings will be assigned.

Course: Journalism II: Newspaper (23.0330060)

Grade: 11

Term: Year

Prerequisites: Open to Communications and Journalism Academy student in the print journalism pathway or by special permission; Journalism I (parts 1 & 2); Computer Applications M

Description: Focuses on knowledge and skills associated with the production and publication of Grady's newspaper, *The Southerner*. Includes writing in various journalistic modes such as news, features, editorials, and columns; computer layout and design; graphics/photography; and marketing.

Course: Journalism II: Magazine (23.0330060)

Grade: 11

Term: Year

Prerequisites: Open to Communications and Journalism Academy students in the print journalism pathway or by special permission; Journalism I (parts 1 & 2); Computer Applications M

Description: Focuses on knowledge and skills associated with the production and publication of Grady's news magazine, *Nexus*. Includes writing in various journalistic modes such as news, features, editorials, and columns; computer layout and design; graphics/photography; and marketing.

Course: Journalism II: Yearbook (23.0330060)

Grade: 11

Term: Year

Prerequisites: Open to Communications and Journalism Academy students in the print journalism pathway or by special permission; Journalism I (parts 1 & 2); Computer Applications M

Description: Focuses on knowledge and skills associated with the production and publication of Grady's yearbook, *The Orator*. Includes computer layout and design, journalistic writing, customer service, account management, photography, and marketing. *Requires a large after-school commitment.*

Course: Journalism II: Literary Magazine (23.0330060)

Grade: 11

Term: Year

Prerequisites: Open to Communications and Journalism Academy students in the print journalism pathway or by special permission; Journalism I (parts 1 & 2); Computer Applications M

Description: Students in this journalism class work on *The Unmasking*, Grady's literary magazine. Class reviews fundamentals of InDesign and emphasizes creative writing.

Course: Journalism III: Newspaper (23.0350060)

Grade: 12

Term: Year

Prerequisites: Open to Communications and Journalism Academy students in the print journalism pathway or by special permission; Journalism I (parts 1 & 2); Computer Applications M; Journalism II

Description: Students will assume leadership roles as they further their knowledge and skills associated with the production and publication of Grady's newspaper, *The Southerner*. These skills include writing in various journalistic modes such as news, features, editorials, and columns; computer layout and design; graphics/photography; and marketing.

Course: Journalism III News Magazine (23.0350060)

Grade: 12

Term: Year

Prerequisites: Open to Communications and Journalism Academy students in the print journalism pathway or by special permission; Journalism I (parts 1 & 2); Computer Applications M; Journalism II

Description: Students will assume leadership roles as they further their knowledge and skills associated with the production and publication of Grady's news magazine, *Nexus*. These skills include writing in various journalistic modes such as news, features, editorials, and columns; computer layout and design; graphics/photography; and marketing.

Course: Journalism III Yearbook (23.0350060)

Grade: 12

Term: Year

Prerequisites: Open to Communications and Journalism Academy students in the print journalism pathway or by special permission; Journalism I (parts 1 & 2); Computer Applications M; Journalism II

Description: Students will assume leadership roles as they further their knowledge and skills associated with the production and publication of Grady's yearbook, *The Orator*. These skills include computer layout and design, journalistic writing, customer service, account management, photography, and marketing techniques. *Requires a large after-school commitment.*

Course: Journalism III Literary Magazine (23.0350060)

Grade: 12

Term: Year

Prerequisites: Open to Communications and Journalism Academy students in the print journalism pathway or by special permission; Journalism I (parts 1 & 2); Computer Applications M; Journalism II

Description: Students will assume leadership positions as they produce Grady's literary magazine, *The Unmasking*. Emphasizes creative writing. Students proofread and edit submissions to the literary magazine.

Course: Broadcast/Video Production I (10.51110)

Grade: 10

Term: Year

Prerequisites: Open to Communications and Journalism Academy students in the broadcast journalism pathway or by special permission; Oral/Written Communication; Journalism I (part I); Computer Apps M.

Description: Students will gain hands-on experience in television production. Through a variety of video production experiences, students will learn the power of the medium, examine issues of fairness and objectivity, sharpen their critical thinking skills, exercise creativity, and gain an overall understanding of modern newsgathering techniques.

Course: Broadcast/Video Production II (10.51210)

Grade: 11

Term: Year

Prerequisites: Open to Communications and Journalism Academy students in the broadcast journalism pathway or by special permission; Oral/Written Communication; Journalism I (part I); Computer Applications M; Broadcast/Video Production I

Description: Students will enhance their expertise in television production through a variety of video production experiences. Students will take leadership roles in the production and broadcast of *Grady News Network* (GNN) and/or *GameTime*.

Course: Broadcast/Video Production III (10.51310)

Grade: 12

Term: Year

Prerequisites: Open to Communications and Journalism Academy students in the broadcast journalism pathway or by special permission; Oral/Written Communication; Journalism I (part I); Computer Applications M; Broadcast/Video Production I and Broadcast/Video Production II.

Description: Students will enhance their expertise in television production through a variety of video production experiences. Students will take leadership roles in the production and broadcast of *Grady News Network* (GNN) and/or *GameTime*.

Course: *Introduction to Graphics and Design (48.56100)*

Grade: 10

Term: Year (one semester with each graphic communication pathway teacher)

Prerequisites: Open to Communications and Journalism Academy students in the graphic communication pathway or by special permission; Oral/Written Communication; Journalism I (part I); Computer Applications M

Description: Provides all students with an introduction to the principles of graphic communications and design and its place in the world. Helps students 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 can acquire a fundamental understanding of the graphic communications and design world. They can learn the theories behind creating aesthetically pleasing designs and how to work with consumers. Exposure to career possibilities and discussion of ethical issues relating to graphic communications and design are important threads in this course.

Course: *Graphic Design and Production (48.56200)*

Grade: 11

Term: Year

Prerequisites: Introduction to Graphics and Design; Open to Communications and Journalism Academy students in the graphic communication pathway or by special permission.

Description: 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. Investigates the historical development of graphic design and its function in contemporary society. Stresses the use of the computer as a major design tool.

Course: *Advanced Graphic Design (48.5280)*

Grade: 12

Term: Year

Prerequisites: Introduction to Graphics and Design; Graphic Design and Production; Open to Communications and Journalism Academy students in the graphic communication pathway or by special permission.

Description: Students will continue to explore the principles of design and layout procedures as they relate to graphic design. Content will cover electronic systems and software programs used in graphic design, page 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. Focus will be placed on exploring and developing the graphic design portfolio and resume in electronic, print, and photographic form.

Course: *Graphic Output Processes (48.56900)*

Grade: 12

Term: Year

Prerequisites: Introduction to Graphics and Design; Graphic Design and Production; Open to Communications and Journalism Academy students in the graphic communication pathway or by special permission.

Description: Enhances level-two skills through in-depth specialization; offers opportunities for apprenticeship and continuing education options. When available, offers students the opportunity to complete industry certification. Encourages professional development and industry interaction through SkillsUSA.

Course: *Photography I (50.0711061)*

Grade: 10-12

Term: Semester (Can continue for a year with approval)

Prerequisites: Visual Art I

Description: Students will understand the basics of black and white photography, develop darkroom skills, use the photographic medium as artistic expression, and develop critical skills and an aesthetic awareness of photography.

Course: *Photography II (50.0712060)*

Grade: 11-12

Term: Year

Prerequisites: Photography I; Open to Communications Magnet students or by special permission

Description: Students will develop a critical eye for photography, compare and use various types of black/white film and camera filters, understand the process of black and white processing and printing, identify and correct printing problems, and experiment with various photographic techniques and themes.

Course: *Photography III (50.0713060)*

Grade: 11-12

Term: Year

Prerequisites: Photography I & II; Open to Communications Magnet students or by special permission

Description: Emphasizes the development of a photography portfolio. Students will prepare a written proposal for a concentrated portfolio of work, create a body of work that supports a written proposal, evaluate their photographs and select images for the portfolio.

Course: *Fundamentals of Telecommunications I/Radio Journalism I (10.4310001)*

Grade: 10-12

Term: Year/1.0 credit

Prerequisites: Journalism I (Part I); Oral/Written Communication; open to Communications and Journalism Academy students and others by special permission

Description: Focuses on radio and journalism fundamentals by applying writing skills to current news events. Radio ethics, basic history, radio personalities, media laws and computer audio editing are covered to give a complete understanding of the medium. This class includes lectures and laboratory experiences in radio production and radio programming.

PUBLIC POLICY AND JUSTICE ACADEMY

Course: *Introduction to Law & Justice (43.43000) PAIRED WITH ORAL & WRITTEN COMMUNICATION*

Grade: 9

Term: Semester

Prerequisites: None

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 courtroom testimony. Career planning and employability skills will be emphasized.

Law Pathway

Course: *Law, Community Response & Policing (43.43500)*

Grade: 10

Term: Year

Prerequisites: Introduction to Law and Justice

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. The students are required to meet both national and intrastate professional guidelines as designated by applicable regulatory agencies such as Federal Emergency Management Agency (FEMA) and Georgia Emergency Management Agency (GEMA). Upon completion of the course requirements and the final disaster simulation, students may be eligible to obtain certifications in Community Emergency Response Team (CERT), American Heart Association (AHA) Basic Life Support, and/or American Red Cross (ARC) First Aid and CPR.

Course: Criminal Investigation & Forensics (43.43300)

Grade: 11

Term: Year

Prerequisites: Intro to Law and Justice, Law, Community Response & Policing

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 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.

Government Pathway

Course: *The Individual and the Law* (45.05600)

Grade: 10

Term: Year

Prerequisite: None

Description: Analyzes the foundations and functions of the American legal system. Examines types of laws, the individual's relationship to the law and major court decisions. Integrates and reinforces social studies skills.

Course: *Homeland Security* (43.43600)

Grade: 10 only

Term: Year

Prerequisite: Intro to the Law

Description: This course examines homeland security and terrorism-domestically and internationally. The development of the U.S. Department of Homeland Security will be examined in the context of the global terrorist threat and the more general concept of homeland security. Emphasis is on the identification and understanding of appropriate definitions and concepts so that students may critically evaluate the threats present and the range of responses available in our democratic society. A basic overview of historical foundations will be examined. The relationship of homeland security to preparation and response and recovery mechanisms for terrorism, including goals, objectives, and strategies, will be explored. The importance of coordinating various plans and strategies among local, state, and federal government response organizations will be stressed. Great emphasis will be placed on contemporary case studies and interactive discussions. Students will review the roles and responsibilities of government agencies, non-government organizations, and individual citizens in homeland security.

Course: *Ethics & the Law (45.05800) Linked to United States & World Affairs*

Grade: 11

Term: Semester/.5 credit

Description: This elective course offers students an understanding of the basic legal components of the legal and criminal justice system in the United States. The entire course examines how the law and ethics are related and are pursued within our legal system.

Course: *United States & World Affairs (45.09100) Linked with Ethics & the Law*

Grade: 11

Term: Semester/.5 credit

Description: This course focuses on global interrelationships, analyzing strategic geographic, political, economic and social issues that influence the United States' relationships with other countries in an interdependent world.

OR

Course: *Emergency Services (43.43700)*

Grade: 11

Term: Year/1.0 credit

Description: This course is designed to provide an overview of the working relationship between various emergency management services within a system of varied resources and functions. During the course instruction, areas of interest to be explored consist of first aid, fire science, hazardous materials, and emergency prevention and preparedness. Students will be provided with collaborative opportunities in the design of a comprehensive exercise plan intended to enhance ability to respond to emergencies. This course will also provide students with the knowledge and skills necessary to develop and conduct simulated disaster exercises to test their emergency operations plan. Finally, this course will provide basic communication skills needed to convey information in emergency and non-emergency situations.

ARMY JROTC

All JROTC cadets must adhere to JROTC grooming, uniform and conduct standards to remain enrolled. They are responsible for maintaining the Army uniform and wearing it correctly when required. The approval of the Senior Army Instructor is required to enroll in JROTC above LET 1.

Course: *JROTC/Leadership Education and Training - LET 1(28.03100)*

Grade: 9-12

Term: Year

Prerequisites: None

Description: A character and leadership development program that helps develop new skills for use in school and throughout life. This introductory course gives a greater appreciation of American symbols, customs, traditions and the history and purpose of Army JROTC. Students will also learn the basic principles of drill and ceremony, and participate in multiple competitions, service learning projects, and other events throughout the year.

Course: *JROTC/Leadership Education and Training - LET 2 (28.03200)*

Grade: 10-12

Term: Year

Prerequisites: Successful completion of LET 1 and SAI approval

Description: Designed to provide cadets with hands-on experiential learning activities that will build self-awareness, essential life skills, and the ability to set and achieve goals. Content area includes communication, diversity, study skills, conflict resolution, decision-making, and service learning. This is the junior leadership level, where cadets will begin to take charge and lead others in drill and other activities.

Course: JROTC/Leadership Education and Training - LET 3 (28.03300)

Grade: 11-12

Term: Year/1.0 credit

Prerequisites: Successful completion of LET 1 and 2, and SAI approval

Description: Focuses on the life skills necessary to build better citizens for tomorrow. Lessons expose cadets to complex content, such as the structure and function of the human brain, personality, and learning theories in a simple, easy to understand manner, with ample opportunity for application and practice. Emphasizes hands-on leadership application in drill and other activities at a more advanced level.

Course: JROTC/Leadership Education and Training - LET 4 (28.03400)

Grade: 12

Term: Year/1.0 credit

Prerequisites: Successful completion of LET 1, 2 and 3, and SAI approval

Description: Primary emphasis is citizenship and leadership: how to be a leader and what you need to know when you are influencing and leading others. Students will learn about character and values, leadership theories and principles, financial planning principles, and both U.S. and world history. They are the senior leadership of the Cadet Battalion, and will plan and execute all activities taking place throughout the year.

SPECIAL EDUCATION

Course: Study Skills (35.06100)

Grade: 9-12

Term: Year/1.0 credit

Prerequisites: None

Description:

Course: Social Skills (35.05100)

Grade: 9-12

Term: Year/1.0 credit

Prerequisites: None

Description:

HEALTH AN PHYSICAL FITNESS

One semester of health and one semester of physical fitness are required for graduation. One semester of recreational games is required for graduation unless a student exempts it with two seasons of a varsity sport or marching band or one year of JROTC.*

Course: Personal Fitness (36.05100)

Grade: 9-12

Term: Semester/.5 credit

Prerequisites: None

Description: Provides instruction in methods to attain a healthy level of physical fitness. **Required for graduation.**

Course: Recreational Games (36.02700)

Grade: 9-12

Term: Semester/.5 credit

Prerequisites: None

Description: Introduces recreational games suitable for lifetime leisure activities. May exempt this course with a varsity sport, marching band or JROTC.

Course: *Weight Training (36.05400)*

Grade: 9-12

Term: *Semester/.5 credit*

Prerequisites: None

Description: Introduces weight training; emphasizes strength-development training and proper lifting techniques.

Course: *Physical Conditioning (36.05200)*

Grade: 10-12

Term: *Year/.5 credit*

Prerequisites: Weight Training

Description: Provides opportunities for students to participate in a variety of activities to enhance flexibility, muscular strength and endurance, cardiovascular endurance and body composition.

Course: *Body Sculpting (36.05600)*

Grade: 10-12

Term: *Semester or Year*

Prerequisites: Weight Training and Physical Conditioning

Description: Designed to redefine the shape of the body through weight training, conditioning exercise and proper nutrition, the student will improve muscle tones, definition, posture, bodily proportions, physical condition of the body and increase energy levels.

Course: *Health (17.01100)*

Grade: 9-12

Term: *Semester/.5 credit*

Prerequisites: None

Description: Explores the mental, physical and social aspects of life and how each contributes to total health and well-being. Required for graduation.

Henry W. Grady High School
Registration Worksheet/Four-year Academic Plan

Name: _____

Last

First

Middle

Student Identification Number _____

COURSE PLANNING CHART

	Grade 9		Grade 10		Grade 11		Grade 12	
	Course Name	Credits	Course Name	Credits	Course Name	Credits	Course Name	Credits
English								
Math								
Science								
Social Studies	World Geography	.5					Economics	.5
Foreign Lang. **	Amer. Govt / Civics	.5						
Academy Elective								
Academy Elective								
Elective	Oral/Written Comm.**	.5					Health	.5
Elective	Intro to Tech.*	.5						
Elective	PE	.5						
Elective	Rec Games	.5						
	ADDITIONAL COURSES (Summer School, Web/Online, Evening, Joint Enrollment/College)							

Graduation Credit Checklist (CORE)

- (4) credits in Mathematics
- (4) credits in English/Language Arts
- (4) credits in Science
- (3-5) credits in Social Studies

Graduation Credit Checklist (ELECTIVES)

- (1.5) credits Physical Fitness/Rec Games/ Health
- (3) credits in Foreign Language and/or Fine Arts and/or Career Tech**
- (4) electives

* A one-semester elective required for all Grady freshmen.

** Any student going to a University System of Georgia college or university must take at least two years of the same foreign language to meet admission requirements.

Advisor Signature: _____

Student Signature: _____

Parent Signature: _____

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