

Putnam County Charter School System

Putnam County High School

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Course Catalog 2016-2017



Putnam County High School is a four-year, comprehensive high school accredited by the Georgia Department of Education and the Southern Association of Colleges and Schools. PCHS graduation requirements consist of a core curriculum and additional options leading to a high school diploma. Local school systems must meet all state requirements; however, they may go beyond those requirements.

Graduation Requirements

The Georgia Board of Education establishes graduation requirements for all students in public schools. The Putnam County Charter School System bases its requirements on the state requirements.

PCHS GRADUATION REQUIREMENTS

CLASS of 2013 and beyond	CORE AREAS	UNITS OF CREDIT	
	Language Arts	4	
	Science	4	
	Mathematics	4	
	Social Studies	4	
	World Language* AND/OR CTAE** (Career, Technical and Agricultural Education) AND/OR Fine Arts	3	All students must complete a pathway in one of these areas
	Health/Physical Education	1	
	Electives	3	
	TOTAL UNITS (Minimum):	23	

***Students planning to enter or transfer into a University System of Georgia institution or other post-secondary institution must take two units of the same world language.**

****Students wishing to receive industry certification in certain areas under Career, Technical and Agricultural Education programs must follow specific pathways.**

Credit for High School Courses Taken in Middle School

Students who take and pass high school courses in middle school may receive unit credit toward their high school requirements.

Eligibility for Graduation

A student shall become eligible for graduation upon meeting the following criteria:

- 23 (Class of 2013 and beyond) units of credit have been completed
- State assessment requirements have been met
- Attendance requirements have been met

Students and parents should be familiar with the following terms:

- Core Curriculum** – areas of study in which all students must complete specific courses in order to fulfill graduation requirements (Math, Science, English, Social Studies)
- Required Course** – one that is mandatory for a specific program of study
- Elective Course** – a course that counts toward the total number of units required for graduation but does not apply toward particular requirements of a specific program of study

Career, Technical and Agricultural Education (CTAE) Pathways – Three elective units in coherent sequence that includes rigorous content aligned with industry-related standards leading to college and work readiness in a focused area of student interest.

High School Diploma – This document certifies that students have satisfied attendance, units of credit and state assessment requirements.

Placement Procedure

Recommendations concerning instructional placement and progress of students are the responsibility of the local teacher and other professional staff directly involved with the students. The final decision concerning placement, however, rests with the principal.

Promotion and Retention

Promotion and retention at the high school level follow the guidelines listed below:

Students in high school progress toward graduation on a course-by-course basis. Students take courses based upon academic performance, academic needs, graduation requirements and previous credits earned.

A student entering PCHS is assigned a graduation year. The graduation requirements in effect at the time of entrance apply for the student's entire high school career.

Students stay with their entering class for all school activities, including those related to courses, for their freshman year only. The number of credits earned and core courses passed by the student determine assignments beyond the freshman year.

A student remains a freshman until such time that he/she earns:
5 credits and passes all 4 core courses to be a sophomore,
11 credits and passes all 4 core courses to be a junior and
18 credits and passes all 4 core courses to be a senior.

Any student who fails a core course will be retained. Summer school (including summer online courses) is an extension of the previous school year; therefore, summer courses count toward promotion to the next grade level.

At the end of the junior year, PCHS provides notification to the parent(s)/guardian(s) of any student who may not graduate the following year. Additional written notification is required at the end of the first semester of the student's senior year. Copies of the notifications are kept in the completion counselor's office and sent to the student and parent(s)/guardian(s).

Special Education – Services for Exceptional Children

Students with mild-moderate disabilities may be served through the Services for Exceptional Children Program. Services include monitoring as well as self-contained, modified curriculum, and team-taught classes. Placement in the program and services rendered are determined through an annual Individualized Educational Program (IEP) conference.

Grading Scale

All grades will be recorded on transcripts and report cards as *numeric* grades. Passing grades are 70 and above. The grading scale is as follows:

A = 90 and above

B = 80 – 89

C = 70 – 79

F = 69 and below

Grade Point Average

Transcripts show the numeric grades for each reporting period and the student's overall numeric average. The **Cumulative Grade Point Average** is determined by adding all numeric grades together and dividing that total by the number of courses taken. The **Core Grade Point Average**

is based solely on the five academic core courses. These courses include Math, English/Language Arts, Social Studies, Science and World Language. The Core GPA is the “real” measure of your academic performance in high school. The **Core GPA** is the “real GPA” used for college entrance. Physical Education, music, theatre, career, technology and agriculture courses are **not a part of the Core GPA**.

Example of Cumulative GPA and Core GPA numeric and 4.0 Scale GPA comparison.

Course	Grade	4.0	Course	Grade	4.0
Algebra	70	2	Algebra	70	2
English I	80	3	English I	80	3
Physical Science	82	2	Physical Science	82	3
American Govt	75	2	American Govt	<u>75</u>	<u>2</u>
PE/ Health	92	4			
Intro to Culinary	90	4			
Weight Training	98	4			
JROTC	<u>88</u>	<u>3</u>			
TOTAL	675	24	TOTAL	307	10
Cumulative GPA	84.375	3.0	Core GPA	76.75	2.5

***Colleges look at the Core GPA **NOT** the Cumulative GPA.

State Mandated Assessments - Georgia Milestones

The Georgia Milestones Assessments are state required tests for certain courses including CCGPS Coordinate Algebra, Accelerated CCGPS Algebra/Geometry, CCGPS Geometry, CCGPS Accelerated Geometry/Advanced Algebra, US History, Economics, Ninth Grade Literature and Composition, American Literature and Composition, Biology, and Physical Science. These assessments count as the course final exam, which is 25% of the final grade for the semester in which the Milestone Assessment is taken. There are three main administrations of the EOCT: Winter, Spring and Summer.

Graduation Exercises

A student will be allowed to participate in graduation exercises after all requirements for a High School Diploma or a Special Education Diploma have been met. Their advisors and school counselors shall monitor student progress toward graduation requirements. All fines must be paid a week before the graduation ceremony for a student to be eligible to participate in the graduation ceremony.

School Day

The school day consists of 4 academic periods, an enrichment/instructional focus period and a lunch period. *Each student must carry a full schedule of classes.* Students enrolled in dual enrollment and internship programs are considered full-time students. The school year consists of two semesters. Students earn one unit of credit for each course per semester.

Advanced Placement (AP) Courses

PCHS offers numerous Advanced Placement courses representing language arts, mathematics, science, social studies, and world language. Most colleges and universities award credit for specific levels of performance on the AP exams given in May. Enrollment is open to all qualified students.

Interested students should contact an AP instructor, counselor, or administrator for information and procedures.

Dual Enrollment / Move On When Ready

Dual Enrollment provides opportunities for Georgia high school students to take college-level courses and earn concurrent credit toward a **high school diploma and a college degree** while still in high school.

Dual Enrollment Programs:

Move On When Ready core credit is a non-need based grant program offered for students that wish to take college-level (academic-only, degree-level) coursework for credit toward both high school and college graduation requirements.

Move on When Ready technical credit is a non-need based grant program for students seeking technical certificates or diplomas from TCSG postsecondary institutions. Students receive technical and high school credit for courses taken and passed.

Move On When Ready provides an **eligible** 11th or 12th grade student to take **ALL** of his or her courses through an eligible institution and/or a virtual program. Students receive secondary credit for completing graduation and high school diploma requirements.

Early College is a partnership between a designated local school system and University System of Georgia institution. **Students can earn a high school diploma as well as coursework toward an Associate's or Bachelor's degree.**
<http://www.gaeearlycollege.org/>

Gateway To College is located exclusively on a college campus and is site specific through local agreements between local school systems and colleges.

Residential Programs are offered for gifted, talented, and motivated students through the University System of Georgia at two institutions:

- The Advanced Academy of Georgia on the campus of the University of West Georgia
<http://www.advancedacademy.org/>
- The Georgia Academy of Mathematics, Engineering and Science at Middle Georgia College <http://www.mgc.edu/academic/scimathenga/games/>

Career Pathways

Career Pathways are state-approved career enhancement programs defined as a coherent, articulated sequence of rigorous academic and career related courses. Career, Technical and Agricultural Education (CTAE) provides all Georgia students with the opportunity to select three sequenced electives in a career pathway, along with recommended academic course work, to prepare them to continue their education at any level or enter the world of work. Career Pathways offered at PCHS include JROTC, Culinary Arts, Energy Systems, Graphic Design, Audio-Video Technology & Film, Collision Repair, Automobile Maintenance and Light Repair, Agriscience, Equine Science, Veterinary Science, Companion Animal Systems, Agriculture Leadership in Plant Science. Career and Technical Education Pathway completion requires that students earn three (3) units of credit from one pathway chosen from the concentration areas above.

Dual Enrollment Career Pathways

Students who test program eligible on the COMPASS test at the end of their 9th, 10th or 11th grade year may dual enroll with Central Georgia Technical College in the following areas: **CGTC** Welding, **CGTC** HVAC, **CGTC** Criminal Justice, **CGTC** Healthcare

Fine Arts Pathways

Fine Arts Pathways consist of state-approved courses in the following areas: visual arts, theater, dance, music, and journalism. A student has completed a Fine Arts Pathway when 3 courses from one of the five areas have been successfully completed.

Advanced Academic Pathways

Advanced Academic Pathways consist of state-approved courses in the four core content areas. A student has completed an Advanced Academic Pathway when the following criteria have been met.

Advanced Academic Pathway in ELA Criteria:

- 1) Student graduated, thereby completing 4 required credits in ELA, **AND**
- 2) Student's course history in ELA (23 course codes) includes at least one AP* Course Code (23.043; 23.053; 23.065) or one IB* Course Code (23.06800; 23.06900; 23.06110; 23.06120; 23.06130) **or** one post-secondary dual enrollment code in 23 that fulfills a core graduation requirement in ELA, **AND**
- 3) Student earned credits in two sequential courses in one world language.

Advanced Academic Pathway in Mathematics Criteria:

- 1) Student graduated, thereby completing 4 required credits in mathematics, **AND**
- 2) Student's course history in mathematics (27 course codes) includes at least one AP* Course Code (27.072; 27.073; 27.074) **or** one IB* Course Code (27.06120; 27.06130; 27.05220; 27.05240) **or** one post-secondary dual enrollment code in 27 that fulfills a core graduation requirement in Mathematics, **AND**
- 3) Student earned credits in two sequential courses in one world language.

Advanced Academic Pathway in Science Criteria:

- 1) Student graduated, thereby completing 4 required credits in science, **AND**
- 2) Student's course history in science (26 course codes and 40 course codes) includes at least one AP* Course Code (26.014; 26.062; 40.053; 40.083; 40.0841; 40.0842) **or** one IB* Course Code (26.01800; 26.01900; 26.06300; 40.08500; 40.08600) **or** one post-secondary dual enrollment code in 26 or 40 that fulfills a core graduation requirement in Science, **AND**
- 3) Student earned credits in two sequential courses in one world language.

Advanced Academic Pathway in Social Studies Criteria:

- 1) Student graduated, thereby completing 3 required credits in social studies, **AND**
- 2) Student's course history in social studies (45 course codes) includes at least one AP* Course Code (45.016; 45.052; 45.053; 45.062 45.063; 45.077; 45.0811; 45.082; 45.084) **or** one IB* Course Code (45.01310; 45.01320; 45.01700; 45.017100; 45.06500; 45.06600; 45.07800; 45.07900; 45.08700; 45.08800; 45.08900) **or** one post-secondary dual enrollment code in 45 that fulfills a core graduation requirement in Social Studies, **AND**
- 3) Student earned credits in two sequential courses in one world language.

Advanced Academic Dual Enrollment

Students who dual enroll at a post-secondary institution and take degree level courses in Math, English, Science, or Social Studies and complete 2 units of the same world language will complete an Advanced Academic Pathway. Central Georgia Technical College currently offers the following degree level courses at PCHS: English 1101, English 1102, English 2130, Biology 1111, Biology 1111 Lab, History 2111, History 2112, History 1111, History 1112, and Psychology 1101. Students are also able to enroll in online ACCEL level courses such as Math 1111, Math 1113, Math 1127, Sociology 1101, Political Science 1101, Economics 1101, and Humanities 1101. Eligible students may enroll in Central Georgia Technical College, Georgia Military College and Georgia College to participate in degree level courses.

World Language Pathway

A world language pathway may be followed by meeting the following criteria.

- 1) Student graduated, **AND**
- 2) Student's course history in **one** world language includes 3 distinct high school Course Codes OR includes at least 2 distinct Course Codes plus a third code reflecting an AP* course, where AP courses are offered (60.077, Spanish; 60.078, Spanish Lit; **or** one post secondary enrollment course code in the same World Language reflecting a third course at the college level.

*AP and dual enrollment courses must have earned credit

Work-Based Learning Programs

Work-Based Learning Programs allow qualified juniors and seniors to receive course credit for supervised experience in business. Paid internship opportunities are available through Career-Technology Intervention (CTI) and Youth Apprenticeship (YAP). These programs combine classroom instruction, on the job work experience, and leadership training. Participants are given release time from school to complete their work experience. Students receive supervision at the work site from their employers and the work program coordinator. Students must provide their own transportation to the internship site.

Course Placements

Students are placed in courses based on specific criteria. Prerequisite requirements reflect skills and levels of achievement needed for success in a desired course. Proper academic placement is essential for academic success; therefore, students will not be placed in courses in which the prerequisite requirements have not been met.

Schedule Changes

Students are expected to complete courses for which they are enrolled. If changes are ***necessary****, they should be requested in writing within the first two (2) school days of the course. All course changes must meet the following criteria:

- An FTE-eligible course is available for the student
- Space is available in an already scheduled course
- The student's graduation requirements can be met within four years
- Must be approved by the teacher, advisor and guidance counselor.

Any parent not satisfied with the decision of the teacher and guidance counselor regarding course changes may contact the principal or his/her designee. Students may be allowed to transfer out of a course outside the 2 day period in the event of an exceptional hardship or in response to a teacher recommendation. Failure in the course alone should not be considered an exceptional hardship. Factors which interfere with a student's mastery of the content such as a catastrophic event or

extended illness would be examples of an exceptional hardship. Requests for exceptional hardships should be made in writing by the parent to the principal.

****The following are not necessary reasons for a schedule change:***

Requests to change teachers, specific periods, lunch periods, “change of mind”, incomplete summer assignments, or electives (academic or non-academic) are not considered to be necessary.

Necessary changes include (this list is not exhaustive) the addition of courses required for graduation, addition of courses required to fill empty periods, deletion of courses already completed, or deletion of courses “doubled up” during a specific period.

Eligibility for Competitive Interscholastic Activities

Students participating in competitive interscholastic activities must pass three (3) out of four (4) classes during the previous semester. These subjects must carry credit toward graduation or grade promotion. Summer school is an extension of the second semester and will count toward eligibility for the first semester of the following school year. Students not meeting this requirement are not eligible for interscholastic competition until they complete this requirement at the end of a subsequent semester *and* are on-track for graduation.

HOPE Scholarship

The HOPE (*Helping Outstanding Pupils Educationally*) Scholarship Program is Georgia’s unique scholarship program that rewards students’ hard work with financial assistance in degree, diploma, and certificate programs at any eligible Georgia public or private college, university, or public technical institute. The eligibility requirement for HOPE Scholarship are for the student to be a citizen, be a Georgia resident, register with the Selective Service (if applicable), be in compliance with Georgia Drug-Free Postsecondary Education Act of 1990, attend a Georgia eligible school, graduate with a 3.0 GPA in core courses, maintain a 3.0 while in college.

CHANGES:

- The HOPE Scholarship will pay:
 - o At an eligible public postsecondary institution, a **percentage amount** of the standard tuition charges from the previous year. View award amounts at http://www.gsfc.org/main/publishing/pdf/2011/hope_award_amounts.pdf. Every year these amounts will change based upon lottery revenues, HOPE enrollment numbers, and the previous year’s award rate;
 - o At an eligible private postsecondary institution, a percentage amount of the HOPE award for private colleges (for FY 2012 the maximum amount is \$3,600/year for 15 hours);
 - o A separate Tuition Equalization Grant (TEG) in the amount of \$700 for FY 2012 is also available for students attending eligible private colleges in Georgia;
 - o No book or fee allowances;
- The HOPE Scholarship will NOT pay for remedial or developmental courses;
- If a student falls below a 3.0 GPA while in college, he/she may regain the HOPE Scholarship only **one** time;

HOPE Academic Rigor Requirements

Beginning with the High School Graduating Class of 2015, high school coursework must include a minimum of two courses from the Academic Rigor Coursework list below. **Beginning with the High School Graduating Class of 2016**, high school coursework must include a minimum of three courses from the Academic Rigor Coursework list below. **Beginning with the High School Graduating Class of 2017**, high school coursework must include a minimum of four courses from the Academic Rigor Coursework list below.

Academic Rigor Coursework: Advanced math, such as Advanced Algebra and Trigonometry, Math III, or an equivalent or higher course; Advanced science, such as Chemistry, Physics, Biology II, or an equivalent or higher course; Advanced Placement courses in core subjects; International Baccalaureate courses in core subjects; Courses taken at a unit of the University System of Georgia in core subjects where such courses are not remedial and developmental courses; Advanced Foreign Language courses.

ZELL MILLER SCHOLAR PROGRAM-New program (for students seeking a degree):

Students must meet all requirements for the HOPE Scholarship, **PLUS**. . . Graduate from an eligible high school with a 3.7 or greater GPA in core subjects as calculated by GSFC AND receive a score of at least 1200 combined critical reading and math on the SAT.

The GPA for HOPE will be determined by averaging ALL core curriculum coursework (English, Math, Science, Social Science, and World Language), including failing grades on a 4.0 scale (A = 4.0, B = 3.0, C = 2.0, and F = 0). Grades from high school courses taken in middle school are not calculated in the HOPE GPA. Please note: A 2.99 GPA does NOT qualify you for HOPE. All calculations are done by the Georgia Student Finance Commission.

Students must also meet other requirements concerning Selective Service registration (www.sss.gov; males must register before their 18th birthday) and complete the following forms online:

the Free Application for Federal Student Aid (FAFSA - www.fafsa.ed.gov) and/or Georgia Student Financial Aid Application System (GSFAPPS - www.GAcollge411.org).

For additional information, contact the Georgia Student Finance Commission (GSFC) at 770-724-9000 or 1-800-505-GSFC (4732) or visit www.gsfc.org.

Georgia Board of Regents' College Admission Standards for Graduating Class of 2012 and Beyond

Students applying for freshman admissions to a USG institution must meet the following criteria.

Required High School Curriculum - Completion of the USG's Required High School Curriculum ("RHSC") requirements and graduation from a high school accredited by a regional accrediting association (such as the Southern Association of Colleges and Schools) or the Georgia Accrediting Commission or from a public school regulated by a school system and state department of education.

17 Curriculum Units are required at all university system institutions:

- 4 units of language arts – emphasis grammar and usage, literature (American, English, World), and advanced composition skills.
- 4 units of mathematics – must include a course at the level of Math 3 or higher.
- 4 units of science – including at least one lab course from life sciences and one lab course from the physical sciences. Georgia Public high School graduates must have at least one (1) unit of biology, one (1) unit of physical science or physics, and one (1) unit of chemistry, earth systems, environmental science, or an advanced placement science course.
- 4 units of social studies – must include United States history and World History
- 2 units of world language – emphasizing speaking, listening, reading and writing skills

□ In addition, different types of institutions (research universities, regional universities, senior colleges, two-year colleges) may require additional academic units.

In addition to these minimum requirements, students are encouraged to take additional academic units in high school to improve their probability for admission and success.

Freshman Index

Effective Fall Semester 2011, presidents of state and two-year colleges at their option shall require one of the following: a) submission of SAT/ACT test scores and meeting of the Freshman Index, as described below; or b) a minimum high school grade point average (HSGPA) and mandatory placement testing in lieu of SAT/ACT test scores for admissions. A designated score on the Freshman Index ("FI"), which is based on a combination of a student's SAT or ACT assessment scores and high school grade point average (HSGPA). In addition to the FI, students must have a minimum SAT I Verbal score of 430 and Mathematics score of 400 (or ACT equivalent) for admission to a university (research, regional, or state). Students without these minimum scores but with SAT I scores of at least 330 Verbal and 310 Mathematics may be considered for admission to a two-year college, but will be required to exempt or exit learning support ("LS") in the areas of deficiency. Institutions may set higher requirements for admission. Students meeting the minimum FI requirements are not guaranteed admission.

PCHS Course Descriptions

LANGUAGE ARTS COURSES

Course Name: ENGLISH I (*10 Grade Literature*)

Course Number: 23.062000

Grade: 9

Description: English II is a mandatory course for all ninth grade students not enrolled in Honors 10th Grade Literature. Students should be prepared to read a variety of materials, write in response to a wide array of topics, work with peers on group projects, participate in novel discussions, and strengthen their grammar skills through our grammar practice program. Students enrolled in this course should be prepared to have English homework each night and are required to participate in the Instructional Focus remediation program if the course grade reaches a 70% or below. Milestone REQUIRED

Course Name: Honors English II (*9th Literature and Composition*)

Course Number: 23.061000

Grade: 9

Description: Students interested in taking Honors 9th Grade Literature and Composition should be avid readers and writers and have advanced level English experience from middle school. Honors students should be prepared to work on multiple assignments simultaneously and be prepared for a minimum of one hour of English homework per night. Students are expected to read most course novels at home and be ready to discuss these novels as a large group during class time. Students will also complete an in depth research paper, memoir, and literary analysis paper throughout the course of the year. The honors track is a rigorous college preparatory track, so students will be expected to be in class every day and turn in their homework, major assignments, and papers on time. All major assignments will be typed and no late homework will be accepted. Students enrolled in this course should be prepared to have English homework each night. There may be required summer reading for Honors 9th Grade Literature and Composition. Milestone REQUIRED

Course Name: ENGLISH II (*9th Grade Literature*)

Course Number: 23.061000

Grade: 10

Description: English II is a mandatory course for all 10th grade students not enrolled in Honors 9th Grade Literature and Composition. Students should be prepared to read a variety of materials with an emphasis on persuasion and non-fiction throughout the year in addition to a lengthy schedule of fiction novels. Students will write in response to an array of topics and writing situations and work to achieve depth and development in their writing. Students will work with peers on group projects, will participate in novel discussions, and will strengthen their grammar skills through our grammar practice program. Students enrolled in this course should be prepared to have English homework each night and are required to participate in the Instructional Focus remediation program if the course grade reaches a 70% or below.

Course Name: English III (American Literature and Composition)

Course Number: 23.0510000

Grade: 11

Prerequisites: English II or Honors 9th Grade Literature

Description: 11th Grade American Literature and Composition is a mandatory course for all 11th grade students not enrolled in Honors 11th Grade American Literature and Composition or AP Language. 11th grade American Literature and Composition is a study of the major literary periods and themes cross the history of the United States from pre-Colonial times to present day. Class time will be spent preparing for the PSAT, SAT, and standardized testing. Students will focus on major literary forms, analyze literary themes and trends, research topics, compose several papers, present speeches, make presentations, learn new vocabulary, and study grammar concepts. Students enrolled in this course should be prepared to have English homework each night and are required to participate in the Instructional Focus remediation program if the course grade reaches a 70% or below. Milestones REQUIRED

Course Name: Honors English III (Honors American Literature and Composition)

Course Number: 23.0510040

Grade: 11

Prerequisites: 85 or higher in Honors 9th Grade English or a 95 or higher in on-level 9th or 10th Grade Language Arts and 9th or 10th Grade Language Arts teacher recommendation

Description: Honors American Literature is a rigorous reading and writing intensive class that focuses on American authors and poets through United States history. Students interested in taking this course should be avid readers and writers and have Honors Language Arts experience or a 95% or higher average in on-level 10th Grade English as well as that teacher's recommendation. Students will be asked to think critically and apply their knowledge both in Socratic seminars and writing. Students in this class will be expected to write more essays than in an on-level course and read more novels independently outside of school. More than one text may be assigned at one time. This is a fast paced class and students must be able to work independently. Students enrolled in this course should be prepared to have a minimum of an hour of English homework each night and are required to participate. Summer Reading is required for this course. Milestones REQUIRED

Course Name: AP Language and Composition Course

Number: 23.0530010

Grade: 11

Prerequisites: 85 or higher in Honors American Literature and Composition and a minimum score of 55 in the reading comprehension section of the PSAT to be successful in this class; AP Commitment Contract

Description: Students interested in taking AP Language and Composition with American Literature focus should be prepared for college level work; therefore, they should be strong readers and writers and should have taken and done well in Honors American Literature and Composition. Please note that there is required summer reading for this course.

The purpose of this course is to become familiar with a variety of composition methods and writing styles and techniques and to improve reading comprehension of difficult texts in order to prepare for the AP exam (administered in May). The AP exam includes three timed free response essays (persuasive, synthesis, and rhetorical analysis) to be completed in two hours and a passage-based multiple-choice

section to be completed in 55 minutes. To help students become comfortable with the format of the exam, they will complete at least three full practice exams (nine in class essays and three full multiple choice exams) in addition to many out-of-class, full process compositions. Based on the guidelines set forth by the College Board®, the AP English Language students will:

- analyze and interpret samples of good writing, identifying and explaining author's use of rhetorical strategies and techniques;
- apply effective strategies and techniques in their own writing;
- create and sustain arguments based on reading, research, and/or personal experience;
- demonstrate understanding and mastery of standard written English as well as stylistic maturity in their own writing;
- write in a variety of genres and contexts, both formal and informal, employing appropriate conventions;
- produce expository and argumentative compositions that introduce a complex central idea and develop it with appropriate, specific evidence, cogent explanations, and clear transitions; and move effectively through the stages of the writing process, with careful attention to inquiry and research, drafting, revising, editing, and review.

MILESTONE REQUIRED if student has not earned credit for American Literature.

Course Name: English 4 (British Literature)

Course Number: 23.0520001

Grade: 12

Prerequisites: 9th, 10th, and 11th grade literature

Description: **British Literature is a required course for all twelfth grade students not enrolled in College English or AP Literature.** This course focuses on the study of British literature (England, Scotland Ireland and Wales), writing modes and genres, and essential conventions for reading, writing, and speaking. The students develop an understanding of chronological context and the relevance of period structures in British literature. The students develop an understanding of the ways the period of literature affects its structure and how the chronology of a work affects its meaning. The students will demonstrate competency in research and a variety of writing genres. The reading, writing, and discussion require senior level depth and maturity and are geared to preparing all students for college. It is a rigorous class that requires attendance, note taking, and daily studying. Students enrolled in this course should be prepared to have English homework each night and are required to participate in the Instructional Focus remediation program if the course grade reaches a 70% or below.

Course Name: AP Literature and Composition

Course Number: 23.0650010

Grade: 12

Prerequisites: 85 or higher AP Language; AP Commitment Contract

Description: AP Literature is a college level literature course that focuses on an intense study of literature from the 16th century to present day, academic writing, literary criticism, literary terminology, and preparation for the AP exam in the spring. Expectations: The course, designed by the College Board, requires a student read multiple long and short works, some simultaneously and often averaging 50 pages per night. Students must also meet routine writing deadlines for out-of-class research projects, literary analysis essays, and shorter response papers. Students are expected to be able to write fluently and with sophistication and to discuss literature with considerable knowledge, insight, and a refined vocabulary. This course requires summer reading and is available to students in grade 12 who meet the requirements.

Course Name: College English (*Central Georgia Technical College*)

Course Number: 23.0630400

Grade: 10, 11, 12

Prerequisites: Acceptance to CGTC

Description: This course includes English 1101, English 1102, and English 2111

ENGL 1101/English Composition I: This course focuses on skills required for effective writing in a variety of contexts, with emphasis on exposition, analysis, and argumentation, and also including introductory use of a variety of research skills.

ENGL 1102/English Composition II: This course develops writing skills beyond the levels of proficiency required by ENGL 1101, emphasizes interpretation and evaluation, and incorporates more advanced research methods. A research paper is required. (Prerequisite: ENGL 1101 with a C or better.

Course Name: SAT Prep - Elective

Course Number: 35.0660001

Grade: 11, 12

Prerequisites: Juniors and seniors;

Description: Students receive intense practice and instruction in the areas of problem solving and advanced grammar. Highly recommended for seniors for fall semester and juniors for spring semester

Course Name: Journalism 1/Annual (Yearbook)

Course Number: 23.0320007

Grade: 9, 10, 11, 12

Description: Study of photo journalism; production of school annual

Expectations: Students who apply for this course must be fluent writers who are willing to interview students and adults whom they do not know, take photos, and put in hours beyond regular class time. Having a firm grasp of other academics is important because of the demands of this class.

Course Name: Journalism 2/Annual (Yearbook)

Course Number: 23.0330007

Grade: 9,10,11,12

Prerequisites: Yearbook 1; advisor permission

Description: Advanced study of photo journalism; production of school annual

Expectations: Students who apply for this course must be fluent writers who are willing to interview students and adults whom they do not know, take photos, and put in hours beyond regular class time. Having a firm grasp of other academics is important because of the demands of this class.

Course Name: Journalism 3/Annual (Yearbook)

Course Number: 23.0350007

Term: Yearlong

Grade: 12

Prerequisites: Yearbook 2; advisor permission

Description: Advanced study of photo journalism; production of school annual

Expectations: Students who apply for this course must be fluent writers who are willing to interview students and adults whom they do not know, take photos, and put in hours beyond regular class time. Having a firm grasp of other academics is important because of the demands of this class.

MATHEMATICS

Math Courses for Students Entering 9th Grade in 2012-2013 and Beyond

Course Name: Foundations of Algebra

Number: 27.04810

Description: Foundations of Algebra is a first year high school mathematics course option for students who have completed mathematics in grades 6 – 8 yet will need substantial support to bolster success in high school mathematics. The course is aimed at students who have reported

low standardized test performance in prior grades and/or have demonstrated significant difficulties in previous mathematics classes.

<https://www.georgiastandards.org/Georgia-Standards/Frameworks/Foundations-of-Algebra-Standards.pdf>

Course Name: Algebra 1

Number: 27.09900

Description: Algebra I is the first course in a sequence of three required high school courses designed to ensure career and college readiness. The course represents a discrete study of algebra with correlated statistics applications.

<https://www.georgiastandards.org/Georgia-Standards/Frameworks/Algebra-I-Standards.pdf>

Course Name: Advanced Mathematical Decision Making

Number: 27.0850000

Description: This course will give students further experiences with statistical information and summaries, methods of designing and conducting statistical studies, and opportunity to analyze various voting processes, modeling of data, basic financial decisions, and use network models for making informed decisions

Advanced Mathematical Decision Making This is a course designed to follow the completion of Algebra II, Advanced Algebra, Accelerated Geometry B/Algebra II or Accelerated Analytic Geometry B/Advanced Algebra. The course will give students further experiences with statistical information and summaries, methods of designing and conducting statistical studies, an opportunity to analyze various voting processes, modeling of data, basic financial decisions, and use network models for making informed decisions. (Prerequisite: Algebra II, Advanced Algebra, Accelerated Geometry B/Algebra II or Accelerated Analytic Geometry B/Advanced Algebra)

Course Name: CCGPS Pre-Calculus

Course Number: 27.0974000

Grade: 12

Description:

Pre-Calculus focuses on standards to prepare students for a more intense study of mathematics. The critical areas organized in seven units delve deeper into content from previous courses. The study of circles and parabolas is extended to include other conics such as ellipses and hyperbolas. Trigonometric functions are further developed to include inverses, general triangles and identities. Matrices provide an organizational structure in which to represent and solve complex problems. Students expand the concepts of complex numbers and the coordinate plane to represent and operate upon vectors. Probability rounds out the course using counting methods, including their use in making and evaluating decisions. The Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

Course Name: Accelerated Algebra / Geometry A

Course Number: 27.0994006

Grade: 9

Description:

The fundamental purpose of Accelerated Algebra/ Geometry A is to formalize and extend the mathematics that students learned in the middle grades. The critical areas, organized into

units, deepen and extend understanding of linear relationships, in part by contrasting them with exponential phenomena, and in part by applying linear models to data that exhibit a linear trend. Coordinate Algebra uses algebra to deepen and extend understanding of geometric knowledge from prior grades. The next unit in the course ties together the algebraic and geometric ideas studied. Transformations on the coordinate plane provide opportunities for the formal study of congruence and similarity. The study of similarity leads to an understanding of right triangle trigonometry and connects to quadratics through Pythagorean relationships. The study of circles uses similarity and congruence to develop basic theorems relating circles and lines and rounds out the course. The Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations. **THIS COURSE REQUIRES THE MILESTONES.**

Course Name: Accelerated Geometry B / Advanced Algebra

Course Number: 27.0995000

Grade: 10

Description:

The focus of Accelerated Geometry B / Advanced Algebra is organized into 10 critical areas. The need for extending the set of rational numbers arises and real and complex numbers are introduced so that all quadratic equations can be solved. Quadratic expressions, equations, and functions are developed; comparing their characteristics and behavior to those of linear and exponential relationships from Coordinate Algebra. Circles return with their quadratic algebraic representations on the coordinate plane. The link between probability and data is explored through conditional probability. They apply methods from probability and statistics to draw inferences and conclusions from data. Students expand their repertoire of functions to include polynomial, rational, and radical functions. They expand their study of right triangle trigonometry to model periodic phenomena. And, finally, students bring together all of their experience with functions and geometry to create models and solve contextual problems. The Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations. **THIS COURSE REQUIRES THE MILESTONES.**

Course Name: Accelerated CCGPS Pre-Calculus

Course Number: 27.097700

Grade: 11

Description:

Pre-Calculus focuses on standards to prepare students for a more intense study of mathematics. The critical areas organized in seven units delve deeper into content from previous courses. The study of circles and parabolas is extended to include other conics such as ellipses and hyperbolas. Trigonometric functions are further developed to include inverses, general triangles and identities. Matrices provide an organizational structure in which to represent and solve complex problems. Students expand the concepts of complex numbers and the coordinate plane to represent and operate upon vectors. Probability rounds out the course using counting methods, including their use in making and evaluating decisions. The Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations

Course Name: AP Statistics

Course Number: 27.0740010

Grade: 12

Prerequisites: Accelerated GPS Pre-Calculus Honors; AP Commitment Contract

Description: Students should expect to do homework daily, have good work/study habits, and must attend class daily. This course is fairly rigorous and should be taken by students who desire to learn about other branches of mathematics. Topics include introduction to statistics; descriptive statistics; probability; probability distributions; normal probability distributions; estimates and sample size; hypotheses testing; inferences from two samples; correlation and regression; multinomial experiments;

analysis of variance; statistical process control; nonparametric statistics; design and sampling. Students are required to do a fair amount of reading and are expected to use the text book as a primary source of information. This is an advanced placement course. Self-motivated students are best suited for the rigor of this class. Most of the course builds on itself so students who are willing to seek out additional practice or help on difficult topics will be better able to stay abreast of the material and not fall behind. There is a major emphasis on writing, so students do not have to be extremely strong math students. However, they do need to have a good work ethic and the motivation to seek help when they do not understand a topic.

Course Name: AP Calculus AB

Course Number: 27.0720010

Grade: 11 - 12

Prerequisites: Accelerated Pre-Calculus; AP Commitment Contract

Description: This course consists of a review of real numbers and the Cartesian plane; review of functions; limits and their properties; derivatives and differentiation applications; anti-derivatives and indefinite integration; area and definite integrals; integration by substitution; the trapezoidal rule; logarithmic, exponential and other transcendental functions; applications and methods of integration; miscellaneous topics in Calculus BC. All students enrolled in AP Calculus AB are required to take the AP Examination in May if they are passing this course prior to the AP Examinations.

SCIENCE

Course Name: Physical Science

Course Number: 40.0110000

Grade: 9

Description: This is an introductory laboratory-based science course. Topics in Physics include motion, forces, simple machines, energy, light, electricity, and sound. Chemistry topics include the structure of atoms, elements, mixtures, compounds, and chemical reactions.

THIS COURSE REQUIRES THE MILESTONE.

Course Name: Honors Physical Science

Course Number: 40.0110000

Grade: 9

Description: This is an introductory laboratory-based science course. Topics in Physics include motion, forces, simple machines, energy, light, electricity, and sound. Chemistry topics include the structure of atoms, elements, mixtures, compounds, and chemical reactions.

Teacher expectations:

- Honors classes will move at a faster pace, will require more independent study, and will cover topics in greater depth.
- Honors classes will complete an additional number of required labs.
- Since the nature of physical science tends to be rigorous, students are expected to keep current with the material, review regularly, and ask questions.
- In addition, physical science is a laboratory science, so students are expected to follow safety protocol at all times.

THIS COURSE REQUIRES THE MILESTONE.

Course Name: Biology

Course Number: 26.0120000

Grade: 10

Prerequisite: None

Description: Topics: Relationships between structures and functions of living cells; role of DNA/RNA in biological traits; increasing complexity in single-celled and multi-celled organisms; interdependence of organisms and the flow of energy; natural selection and the theory of evolution.

THIS COURSE REQUIRES THE MILESTONE.

Course Name: Honors Biology

Course number: 26.0120040

Grade: 10

Description: Topics: Relationships between structures and functions of living cells; role of DNA/RNA in biological traits; increasing complexity in single-celled and multi-celled organisms; interdependence of organisms and the flow of energy; natural selection and the history of evolution; science research project and in depth study of selected biology topics and skills preparing students for AP Biology and AP Environmental Science study.

Teacher expectations:

Honors classes will move at a faster pace, will require more independent study, and will cover topics in greater depth.

Honors classes will complete an additional number of required labs.

Since the nature of biology tends to be rigorous, students are expected to keep current with the material, review regularly, and ask questions.

In addition, biology is a laboratory science, so students are expected to follow safety protocol at all times.

THIS COURSE REQUIRES THE MILESTONE.

Course Name: AP Biology

Course number: 26.014000

Grade: 10, 11, 12

Prerequisite: Honors Biology

Description: Students receive the same level of instruction, as they would experience at the college level. Topics include molecules and cells (emphasis on biological chemistry, cell structure and function and energy transformations with biological systems), genetics and evolution (molecular genetics, DNA, RNA, heredity, origin of life, natural selection, patterns of evolution), organisms and populations, principles of taxonomy, plants and animals, structure and function of various tissues and organs, population dynamics, ecosystems and community dynamics, and bio-geo-chemical cycles. Students are required to take the Advanced Placement Biology Exam. College credit may be given for this course upon successfully passing the College Board AP Exam.

Course Name: Chemistry

Course number: 40.0510000

Grade: 11, 12

Prerequisite: 85+ in on level Bio & B or better in Algebra

Description: Chemistry is a laboratory course in which students study the properties and behavior of matter. Students who successfully complete this course may expect to know the nature and structure of atoms, the contributions of various scientists to the development of chemistry as a science, how substances are involved in chemical reactions, and the use of some of the compounds in their everyday life.

Teacher Expectations: • Algebra skills – solving equation for unknown – must be able to solve exponential equations. • Graphing skills. • Be able solve applied math problems. • Skills using basic chemistry lab equipment. • Emphasizes math and word problems as a problem solving strategy.

Course: Honors Chemistry

Course Number: 40.05110040

Grade: 10, 11, 12

Prerequisite: Math placement most important. 80+ or better in accelerated algebra/geometry and 80+ or better from honors bio; from on level Bio must have an 90+ in both algebra & Bio

Description: The Honors Chemistry course is a laboratory course in which students study the properties and behavior of matter. Topics such as atomic structure, kinetic theory of matter, and chemical reactions will be covered. This course is designed to cover many of the same topics as the average course but in more detail. Science Fair projects or other designated national or state recognized science activities are required. Substantial lab time is required in order to accomplish the objectives set for this course.

Teacher Expectations: • Honors classes will move at a faster pace, will require more independent study, and will cover topics in greater depth. • Honors classes will complete an additional number of required labs. Students must keep their lab notebook current and up-to-date, so honors chemistry students must have a strong work ethic. **Other:** In-depth study of selected chemistry topics and skills prepares students for future study in AP science courses.

Course: AP Chemistry

Course Number: 40.053000

Grade: 11, 12

Prerequisite: Honors Chemistry

Description: The AP Chemistry course is designed to be equivalent to the general chemistry course usually taken during the freshman year of college. Topics such as the structure of matter, kinetic theory of gases, chemical equilibrium, chemical kinetics, and the basic concepts of thermodynamics will be presented in considerable depth. Substantial lab time is required in order to accomplish the objectives set for this course. Students will be required to take the Advanced Placement Chemistry Exam. College credit may be given for this course upon successfully passing the College Board AP Exam.

Course: Environmental Science

Course Number: 26.0611000

Grade: 11, 12

Description: Environmental Science is an elective 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.

Course: AP Environmental Science

Course Number:

Grade: 11, 12

Prerequisite: Biology and Chemistry

Description: Students receive the same level of instruction, as they would experience at the college level. AP Environmental Science is designed to provide student 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. The following themes provide a foundation for the structure of the AP Environmental Science course: (1) Physical Science, (2) Energy conversions underlie all ecological processes, (3) The Earth itself is one interconnected system, (4) Humans alter natural systems, (5) Environmental problems have a cultural and social context, and (6) Human survival depends on developing practices that will achieve sustainable systems.

Course Name: Physics

Course Number: 40.0810000

Term: Yearlong **Grade:** 11, 12

Prerequisite: 80+ in geometry, passed chemistry, no math support students

Description: Physics is a physical science laboratory course describing the physical laws governing the universe. Physics involves a description of various types of motion, forces, energy, as well as a host of various wave mechanics concepts, such as: light, sound, and electromagnetic phenomena. Additionally, extensive laboratory research is conducted to reinforce the concepts studied.

Teacher Expectations: • Students planning on taking physics should have a high proficient in algebraic skills and trigonometric functions. • This course applies extensive math concepts to the physical world using word problems. • Students should complete homework daily and participate in class discussion.

Course Name: Human Anatomy and Physiology

Course Number: 26.0730000

Grade: 11,12

Prerequisite: Biology

Description: Anatomy and physiology is an extensive activity and lab-based course that integrates the study of the structures and functions of the human body. Areas of study include levels of organization, support and movement, integration and coordination, process and transport, and reproduction. Required in the course are various detailed mammalian dissections. Important components of the course are various projects, review of medical issues, and application of knowledge to technology and society.

Course Name: Forensic Science

Course Number: 40.0930000

Grade: 11,12

Prerequisite: Biology

Description: The Forensic Science curriculum is 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 and may serve in selected Career Technology programs. Students will learn the scientific protocols for analyzing a crime scene, how to use chemical and physical separation methods to isolate and identify materials, how to analyze biological evidence and the criminal use of tools, including impressions from firearms, tool marks, arson, and explosive evidence.

SOCIAL STUDIES

Course Name: American Government/Civics

Course Number: 45.0570001

Grade: 9

Prerequisites: *None*

Description: Nation-states and government Authoritarian government and democratic government, Republic and democracy, U.S. Constitutionalism, election process, public opinion local presentation, presidency, budget, federal court system, basic rights, due process, taxation.

Course Name: Honors American Government/Civics

Course Number: 45.0570001

Grade: 9, 10

Description: Nation-states and government Authoritarian government and democratic government, Republic and democracy, U.S. Constitutionalism, election process, public opinion local presentation, presidency, budget, federal court system, basic rights, due process, taxation. This course is similar to American Government, except students examine American government in more detail and analyze topics in greater depth.

Course Name: AP Human Geography

Course Number: 45.0770010

Grade: 9, 10, 11, 12

Prerequisites: AP Commitment Contract

Description: The purpose of the AP Human Geography course is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice.

Course Name: World History**Course Number:** 45.0830000**Grade:** 9,10

Description: Historic cultures: introduction to the social sciences, ancient civilizations: Egypt and Mesopotamia, classical civilizations: Greece and Rome, India and China, medieval world: Middle East and Africa, Asia, Medieval World: Central and South America, Europe, Age of Exploration, revolution and change: English civil war, Enlightenment, French Revolution, decline of colonial empires in America, Industrial Revolution, nationalism and imperialism, World War I, rise of totalitarianism, World War II, modern world.

Course Name: Honors World History**Course Number:** 45.0830000**Grade:** 9,10

Description: Historic cultures: introduction to the social sciences, ancient civilizations: Egypt and Mesopotamia, classical civilizations: Greece and Rome, India and China, medieval world: Middle East and Africa, Asia, Medieval World: Central and South America, Europe, Age of Exploration, revolution and change: English civil war, Enlightenment, French Revolution, decline of colonial empires in America, Industrial Revolution, nationalism and imperialism, World War I, rise of totalitarianism, World War II, modern world. This course is similar to world History, except students examine and analyze topics in more detail and greater depth.

Course Name: United States History**Course Number:** 45.0810000**Grade:** 11**Prerequisite:** World History

Description: This course is designed to meet the U.S. history requirement for graduation. The course covers United States history from the colonial era to the present, and is divided into eleven units. Each unit focuses on the development of political, economic, social and cultural institutions and practices and how those institutions have evolved with national development. Course content and classroom activities will be managed so that the factual knowledge, concepts and skills needed for state-mandated competency in U.S. history, including success on the GHSGT (Georgia High School Graduation Test) and EOCT (End of Course Test) in U.S. History, are mastered.

THIS COURSE REQUIRES THE MILESTONE.

Course Name: AP U.S. History**Course Number:** 45.0820010**Grade:** 11,12

Prerequisites: Junior; 85 or higher in Honors Language Arts and 85 or higher in World History; Teacher Recommendation; AP Commitment Contract

Description: The AP U.S. History course is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in U.S. history. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. Students should learn to assess historical materials—their relevance to a given interpretive problem, reliability, and importance—and to weigh the evidence and interpretations presented in historical scholarship. An AP U.S. History course should thus develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in essay format.

THIS COURSE REQUIRES THE MILESTONES.

Course Name: Economics**Course Number:** 45.0610001**Grade:** 12

Description: Topics include comparative economic systems, U.S. economic institutions, fiscal policy, international interdependence, business and market structure, scarcity, supply and demand, and consumerism. Economics integrates and reinforces critical thinking and basic social studies skills.

THIS COURSE REQUIRES THE MILESTONES.

Course Name: Honors Economics

Course Number: 45.0610001

Grade: 12

Description: Topics include comparative economic systems, U.S. economic institutions, fiscal policy, international interdependence, business and market structure, scarcity, supply and demand, and consumerism. Economics integrates and reinforces critical thinking and basic social studies skills. This course is similar to Economics, except students examine economics in more detail and analyze topics in greater depth.

THIS COURSE REQUIRES THE MILESTONES.

WORLD LANGUAGES

For the Class of 2012 and beyond, students planning to enter or transfer into a University System of Georgia institution or other post-secondary institution must take two units of the same world language. Many universities now require more than the two basic years as evidence of academic achievement.

Course Name: Spanish 1

Course Number: 60.0710000

Grade: 9 – 12

Prerequisites: None

Description: Students learn numbers, weather, colors, celebrations, family, routines, self, school, clothing, shopping, food, transportation, body parts, health/emotions, animals, leisure time, sports, geography.

Course Name: Spanish 2

Course Number: 60.0720000

Grade: 9 – 12

Prerequisites: Spanish 1

Description: Students learn school and class routines, family & relations, self & daily routines, clothing, body parts, shopping, money, banking, community sites, transportation, directions, food, meals, holidays, vacations.

Course Name: Spanish 3

Course Number: 60.0730000

Grade: 10 – 12

Prerequisites: Spanish 2

Description: Students learn daily routines, family relations, history, geography, travel, accommodations, festivals, leisure time, food, current events, careers, aspects of art and literature.

Course Name: AP Spanish Language

Course Number: 60.0770010

Grade: 10 – 12

Prerequisites: Teacher Recommendation; AP Commitment Contract

Description: Students will speak formal and informal Spanish, various forms of printed texts, written communication, audio response, cultural and current themes.

HEALTH AND PHYSICAL EDUCATION

Course Name: Personal Fitness

Course Number: 36.0510001

Prerequisites: None

Description: This course fulfills the requirement for graduation and the State of Georgia Drug and Alcohol Awareness component required for obtaining a driver's license. Course introduces personal health, wellness concepts; human sexuality/sex education; State ADAP requirements; CPR Training; First Aid Procedures; safety practices, responsibility for health decisions, decision-making skills, mental health, emotions, stress, nutrition, and alcohol, drug and tobacco use/abuse. Topics and activities include personal fitness program, stress management, fitness games, nutrition, and weight training. A variety of cardiovascular fitness activities will be implemented to encourage each student to work within their Target Heart Rate Zone. Weight lifting and flexibility exercises are included in this course. A personal workout plan is designed and implemented in the course.

Course Name: Lifetime Sports

Course Number: 36.0220001

Grade: 9 – 12

Prerequisites: None

Description: Introduces the rules, skills and strategy of tennis, golf, bocce, table tennis and volleyball. Team and tournament play is emphasized.

Course Name: Recreational Games

Course Number: 36.0270001

Grade: 9 – 12

Prerequisites: None

Description: Introduces the rules, skills and strategy of table tennis, Frisbee games, badminton, bowling, pickle ball, horseshoes and shuffleboard. Team and tournament play is emphasized.

Course Name: General Physical Education 1

Course Number: 36.0110001

Grade: 9 – 12

Prerequisites: None

Description: Introduces the rules, skills and strategy of flag football, basketball, volleyball, team handball, Frisbee games, tennis, soccer, softball, and table tennis. Team and tournament play is emphasized.

Course Name: General Physical Education 2

Course Number: 36.0120001

Grade: 9 – 12

Prerequisites: General Physical Education 1

Description: Introduces the rules, skills and strategy of flag football, basketball, volleyball, team handball, Frisbee games, tennis, soccer, softball, and table tennis. Team and tournament play is emphasized.

Course Name: General Physical Education 3

Course Number: 36.0130001

Grade: 9 – 12

Prerequisites: General Physical Education 2

Description: Introduces the rules, skills and strategy of flag football, basketball, volleyball, team handball, Frisbee games, tennis, soccer, softball, and table tennis. Team and tournament play is emphasized.

Course Name: Physical Conditioning

Course Number: 36.0520001

Grade: 9 - 12

Prerequisites: Personal Fitness;

Description: Students in this course will apply basic concepts of physical fitness, strength and aerobic conditioning. Health-related concepts will be discussed.

Course Name: Advanced Physical Conditioning

Course Number: 36.0520002

Grade: 9 - 12

Prerequisites: Physical Conditioning

Description: This course is an in-depth evaluation of one's personal fitness level. Each student designs a personal fitness program geared toward his/her personal needs and interest.

Course Name: Weight Training 1

Course Number: 36.0540001

Grade: 9 – 12

Prerequisites: None

Description: Introductory course that is designed to enhance the student's muscular strength and endurance. Students will gain knowledge in fitness concepts such as frequency, intensity, duration, sets, and repetitions. Cardiovascular training is included in this course.

Course Name: Weight Training 2

Course Number: 36.0540002

Grade: 9 – 12

Prerequisites: Weight Training 1

Description: This course is for the serious student/athlete who has a desire to work on total body strength and fitness. The student/athlete will be required to perform all major lifts and will be given a weightlifting program designed to build strength and muscle size. Cardiovascular training is included in this course.

FINE ART ELECTIVES

Visual Arts Pathway Courses

Course Name: Visual Arts Comprehensive I (Introduction to Art)

Course Number: 50.0211001

Term: Semester **Grade:** 9 – 12

Prerequisites: None

Description: This semester long introductory course establishes a standard and consistent foundation in the discipline of visual art. Students will be introduced to all aspects of visual art including but not limited to art as personal communication, drawing, sculpture, ceramics, design, aesthetics, careers, art criticism and art history. There are no required prerequisites for this course.

Course Name: Visual Arts/Comprehensive II

Course Number: 50.021200

Term: Semester **Grade:** 9 – 12

Prerequisites: Art I

Description: This course is aligned to 50.02100 to Visual Arts/Comprehensive I and introduces access to art history, art criticism, aesthetic judgment and studio production. Emphasizes access to the ability to understand and use elements and principles of design through a variety of media, processes and visual resources. Explores master artworks for historical and cultural significance. All instruction (utilizing assistive technology as needed) should embed both the mastery of IEP goals and objectives and incorporate generalization of access skills from academic courses so that skills are not developed in isolation, but within the context of the course content. Instruction should occur in community based settings in addition to classroom setting. Related skills for independent living, employment and self-determination are developed within the course content. This course is intended only for students who are assessed using the Georgia Alternate Assessment. Prerequisite: Visual Arts/Comprehensive I.

Course Name: Visual Arts/Comprehensive III

Course Number: 50.021300

Term: Semester **Grade:** 9 – 12

Prerequisites: Art II

Description: 50.0213 Visual Arts/Comprehensive II

Enhances level-two skills in art history, art criticism, aesthetic judgment and studio production. Provides practice in applying design elements and principles of design. Provides focus on different two- and three-dimensional art media and processes and master artworks. Stresses idea development through production and creativity and through the study of master artists. Prerequisite: Visual Arts/Comprehensive II.

Course Name: Visual Arts/Comprehensive IV

Course Number: 50.021400

Term: Semester **Grade:** 9 – 12

Prerequisites: Art III

Description: Enhances level-three skills in art history, art criticism, aesthetic judgment and studio production. Provides opportunities for in-depth application of design elements and principles of design in two-and three-dimensional art media and processes. Stresses creative problem solving through art production and the study of master artists and their works. Prerequisite: Visual Arts/Comprehensive III

Course Name: Painting I

Course Number: 50.032100

Grade: 9 – 12

Prerequisites: Introduction to Art

Description: Explores a variety of techniques and wide range of painting media; emphasizes developing basic painting and critical analysis skills for responding to master paintings. Examines solutions to painting problems through the study of the color theory and composition. Emphasizes the concept and development of personal style. Covers Western and non-Western cultures.

Course Name: Painting 2

Course Number: 50.032200

Grade: 10 – 12

Prerequisites: Introduction to Art, Painting 1

Description: Enhances level-one painting skills and offers opportunities to apply painting techniques in a variety of media; emphasizes critical analysis skills for responding to master paintings of different styles and historical periods. Resolves selected painting problems and emphasizes the concept and development of personal style.

Course Name: Drawing 1

Course Number: 50.031100

Grade: 9 – 12

Prerequisite: Introduction to Art

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

Course Name: Drawing 2

Course Number: 50.031200

Grade: 10– 12

Prerequisite: Introduction to Art, Drawing 1

Description: Enhances level-one skills in technique and provides further exploration of drawing media; reinforces basic drawing skills and critical analysis skills for responding to master drawings of different historical styles and periods. Examines solutions to drawing problems through student drawings and those of other artists.

Course Name: Visual Arts/Drawing & Painting I

Course Number: 50.031300

Term: Semester **Grade:** 9 – 12

Prerequisites: None

Description: Introduces drawing and painting techniques and a variety of drawing and painting media. Stresses critical analysis of master paintings and drawings of different styles and historical periods; emphasizes problem-solving techniques to achieve desired results in personal work. Prerequisite: Visual Arts/Drawing II or Portfolio Review with teacher approval.

Course Name: Visual Arts/Drawing & Painting II

Course Number: 50.031400

Term: Semester **Grade:** 9 – 12

Prerequisites: Visual Arts/Drawing & Painting I

Description: Enhances level-one drawing and painting skills and provides opportunities to apply painting and drawing techniques in a variety of media. Stresses critical analysis of master paintings and drawings of different styles and historical periods; emphasizes problem-solving techniques to improve techniques and mastery of materials. Prerequisite: Visual Arts/Drawing and Painting I.

Course Name: Ceramics 1

Course Number: 50.4411001

Grade: 9 – 12

Prerequisites: Introduction to Art

Description: Ceramics is an introductory course in ceramics covering the three basic methods of hand building. Students will produce ceramic artwork using pinch, slab, and coil techniques. Students will learn the basic vocabulary of ceramics as well methods of surface treatment, firing, and other related aspects. Ceramic history, aesthetics, and art criticism will be incorporated throughout the course.

Course Name: Ceramics 2

Course Number: 50.0412001

Grade: 10 – 12

Prerequisites: Introduction to Art, and Ceramics 1

Description: Provides in-depth work with clay beyond that of Ceramics 1. Students will further technical ability in hand building, surface decoration, and/or wheel-thrown ceramics. Glaze chemistry will be addressed with an emphasis on how a glaze works and how to alter results. Alternative firing techniques will introduce students to various surface effects and firing atmospheres. Students will work in a more conceptual manner to develop their own ideas, style and artistic voice. Students will continue to investigate ceramics from around the world and throughout time.

Course Name: Ceramics 3

Course Number: 50.0413001

Grade: 10 – 12

Prerequisites: Introduction to Art, and Ceramics 1, and Ceramics 2

Description: This semester long advanced course provides in-depth work with clay. Students will further technical ability in hand building, surface decoration, and/or wheel-thrown ceramics. Glaze chemistry will be addressed with an emphasis on how a glaze works and how to alter results. Alternative firing techniques will introduce students to various surface effects and firing atmospheres. Students will work in a more conceptual manner to develop their own ideas, style and artistic voice while developing a portfolio.

Course Name: Fibers 1

Course Number: 50.042100

Grade: 9 – 12

Prerequisites: Introduction to Art

Description: Introduces fabric and fiber design techniques such as weaving, stitchery and printing and a variety of design techniques, materials and supplies. Explores historical origins and use of fabric in

Western and non-Western cultures. Applies art criticism techniques to judgments about fiber/fabric designs.

Course Name: Fibers 2

Course Number: 50.042100

Grade: 9 – 12

Prerequisites: Introduction to Art and Fibers 1

Description: Enhances level-one skills in fabric/fiber design and provides opportunities to apply design techniques in a variety of media. Focuses on one or a combination of several techniques to produce two- and three-dimensional works; expands knowledge of historical origins of fibers/fabrics.

Course Name: Fibers 3

Course Number: 50.042100

Grade: 9 – 12

Prerequisites: Teacher recommendation

Description: Enhances level-two skills in fabric design and provides opportunities to apply design techniques in a variety of media. Emphasizes mastery of more complex techniques and development of personal style. Continues historical study of past and present fabric/fiber artists of different cultures.

Course Name: Photography 1

Course Number: 50.071100

Grade: 9 – 12

Prerequisites: Introduction to Art

Description: This semester long course is an introduction to black and white photography and darkroom processing. Students will construct their own pinhole camera, take photos, and develop photos in the darkroom creating a photographic portfolio as they learn the technical and artistic aspects of photography. A brief introduction to digital photography will be included. Photo history, critiques of photos, aesthetics and design will be addressed throughout the semester. Students will have assignments to make some photos at home and keep a visual journal. Students will provide their own light sensitive paper which can be purchased in bulk for a discount.

Course Name: Photography 2

Course Number: 50.0712001

Grade: 10 – 12

Prerequisites: Introduction to Art, and Photography 1

Description: Is a semester long course that builds on basic skills and darkroom techniques learned in Photo Design I. Students hone skills in communicating meaning through photography. They learn to use a 35mm camera, they develop and print images from black and white film and refine their darkroom and printing techniques. The course incorporates aesthetics, art criticism, art history and a brief introduction to digital photography. Students will be asked to make selected photographs at home and to keep a visual journal.

Course Name: Photography 3

Course Number: 50.0713001

Grade: 10 – 12

Prerequisites: Introduction to Art, and Photography 1, and Photography 2

Description: Is a semester long course that hones skills in communicating meaning through photography. Students will work in a more conceptual manner to develop their own ideas, style and artistic voice while developing a portfolio. Students will be asked to make selected photographs at home and to keep a visual journal.

Theatre Pathway Courses

Course Name: Fundamentals of Theatre I

Course Number: 52.0210001

Grade: 9-12

Prerequisites: None

Description: This introductory course is an exploration of theatre as an artistic form that focuses on the appreciation and value of theatre in society. It is the perfect place for beginning students to start learning about Theatre and is a prerequisite to several other Theatre courses. **For students taking a full year, be sure to sign up for Fundamental of Theatre II second semester.** Students will be required write critiques based on actual productions seen outside of class.

Course Name: Fundamentals of Theatre II

Course Number: 52.0220001

Grade: 9-12

Prerequisites: Fundamentals of Theatre I

Description: - This semester long companion course to Fundamentals of Theatre I is an in depth exploration of theatre as an artistic form that focuses on the appreciation and value of theatre in society. For students wishing to take this course a full year, be sure to sign up for Fundamentals of Theatre II. Students will be required write critiques based on actual productions seen outside of class.

Course Name: Fundamentals of Theatre III

Course Number: 52.0230001

Grade: 9-12

Prerequisites: Fundamentals of Theatre II

Description: Enhances level-two skills by producing and studying literature as related to theater. Provides opportunities for performance with focus on language arts classes. Prerequisite: Dramatic Arts/Fundamentals II.

Course Name: Fundamentals of Theatre IV

Course Number: 52.0240001

Grade: 9-12

Prerequisites: Fundamentals of Theatre III

Description: Enhances level-three skills by producing and writing plays for presentation; explores the role of the playwright. Provides opportunities for practical application. Prerequisite: Dramatic Arts/Fundamentals III.

Course Name: Dramatic Arts Acting I

Course Number: 52.0610000

Grade: 9 – 12

Prerequisites: None

Description: This is an introduction to acting class. Beginning actors will be exposed to several different performance styles and methods which will improve their performance skills. This course uses theatre to encourage cooperative learning, team work, organization, and leadership skills. Theatre's forte is in the emotional arena, where participants are able to not only express emotion in a safe environment, but more pertinently, able to learn how to calibrate their emotional responses to various stimuli. The class allows all students the opportunity to perform on a regular basis. Students will be required write critiques based on actual productions seen outside of class.

Course Name: Dramatic Arts Acting II

Course Number: 52.0620000

Grade: 9 – 12

Prerequisites: Acting I

Description: Enhances level-one skills with emphasis on classical and historical scene study. Prerequisite: Dramatic Arts/Acting I.

Course Name: Dramatic Arts Acting III

Course Number: 52.0630000

Grade: 9 – 12

Prerequisites: Acting II

Description: Enhances level-one and level-two skills taught in Acting I and Acting II. Emphasizes advanced monologue work, advanced scene study, extensive audition training, student-directing, ensemble acting in a variety of main-stage productions, and object exercises. The course can also provide opportunities to compete in literary competitions and one-act play festivals. Prerequisite: Dramatic Arts/Acting II.

Course Name: Musical Theatre I

Course Number: 52.0310001

Grade: 9 – 12

Prerequisites: None

Description: Musical Theatre I is a semester long introductory class that establishes basic principles used in the process and production of modern theatre. Students will be introduced to a wide variety of Musical Theatre elements including musicality, movement, vocalization, artistry, acting, puppetry, and staging. The student discovers storyline and characters that exist in musicals, plays, and original pieces of drama. The student develops an understanding of performance techniques required for various roles and styles needed for specific performances and will gain experience in the creative process through active individual and group involvement. Course will include vocal training for a musical theater production. Students will be required to participate in the musical either onstage or behind the scenes. This includes One Act play. You must audition for this class this is the most advanced theatre class at this school. There are grade requirements for the fall semester.

Course Name: Musical Theatre II

Course Number: 52.0320001

Grade: 9 – 12

Prerequisites: Musical Theater I

Description: Musical Theatre II is a more advanced semester long class built on the foundation of principals established in Musical Theatre I. Students will be challenged with a more in-depth study of Musical Theatre elements including musicality, movement, vocalization, artistry, acting, puppetry, and staging. The student continues to study storyline and characters that exist in musicals, plays, and original pieces of drama. The student develops an even broader understanding of performance techniques required for various roles and styles needed for specific performances and will gain experience in the creative process through active individual and group involvement. Students will be required to participate in the musical either onstage or behind the scenes. This includes One Act play. You must audition for this class this is the most advanced theatre class at this school. There are grade requirements for the fall semester.

Course Name: Musical Theatre III

Course Number: 52.0330001

Grade: 9 – 12

Prerequisites: Musical Theater I & II

Description: Musical Theatre III is a more advanced semester long class built on the foundation of principals established in Musical Theatre I. Students will be challenged with a more in-depth study of Musical Theatre elements including musicality, movement, vocalization, artistry, acting, puppetry, and staging. The student continues to study storyline and characters that exist in musicals, plays, and original pieces of drama. The student develops an even broader understanding of performance techniques required for various roles and styles needed for specific performances and will gain experience in the creative process through active individual and group involvement. Students will be required to participate in the musical either onstage or behind the scenes. This includes One Act play. You must audition for this class this is the most advanced theatre class at this school. There are grade requirements for the fall semester.

Course Name: Musical Theatre IV

Course Number: 52.0340001

Grade: 9 – 12

Prerequisites: Musical Theater I, II, & III

Description: Musical Theatre II is a more advanced semester long class built on the foundation of principals established in Musical Theatre I. Students will be challenged with a more in-depth study of Musical Theatre elements including musicality, movement, vocalization, artistry, acting, puppetry, and staging. The student continues to study storyline and characters that exist in musicals, plays, and original pieces of drama. The student develops an even broader understanding of performance techniques required for various roles and styles needed for specific performances and will gain experience in the creative process through active individual and group involvement. Students will be required to participate in the musical either onstage or behind the scenes. This includes One Act play. You must audition for this class this is the most advanced theatre class at this school. There are grade requirements for the fall semester.

Course Name: Dramatic Arts/ Technical Theater I

Course Number: 52.0410000

Grade: 9 – 12

Prerequisites: None

Description: Introduces technical considerations of play production; covers properties, lighting and settings, program, box office, marketing, management, make-up and costumes. Prerequisite: Dramatic Arts/Fundamentals II and/or teacher approval.

Course Name: Dramatic Arts/ Technical Theater II

Course Number: 52.0420000

Grade: 9 – 12

Prerequisites: Technical Theater I

Description: Enhances level-one skills and introduces aspects of drafting, creation of lighting, sound, properties, costumes and make-up design. Offers opportunities to apply skills in these areas. Prerequisite: Dramatic Arts/Technical Theater I.

Course Name: Dramatic Arts/ Technical Theater III

Course Number: 52.0430000

Grade: 9 – 12

Prerequisites: Technical Theater II

Description: Enhances level-two skills in drafting and set design and includes in-depth exploration of light operation, sound operation, stage management, costume construction, set development, make-up and production staff. Prerequisite: Dramatic Arts/Technical Theater II.

Course Name: Dramatic Arts/ Technical Theater IV

Course Number: 52.0440000

Grade: 9 – 12

Prerequisites: Dramatic Arts/Technical Theater III

Description: Enhances level-three skills and offers opportunities to solve problems in supervising and managing all aspects of production. Explores technical directing and directing responsibilities. Offers opportunities to apply skills in these areas. Prerequisite: Dramatic Arts/Technical Theater III.

Course Name: Theater Technology I

Course Number: 52.045000

Grade: 9 – 12

Prerequisites: None

Description: Emphasizes theater operation, production management, scenic design, and theatrical management including lighting, sound, stage and house management, building and equipment maintenance, and working with performers and patrons of the arts. Prerequisite: Dramatic Arts/Fundamentals II and/or teacher approval.

Course Name: Theater Technology II

Course Number: 52.046000

Grade: 9 – 12

Prerequisites: Theater Technology I

Description:Emphasizes practical use of the equipment and operation of the theater including use of lighting and sound equipment, stage and house management, building and equipment maintenance and working with performers and patrons of the arts. Prerequisite: Theater Technology I.

Course Name: Theater Technology III

Course Number: 52.047000

Grade: 9 – 12

Prerequisites: Theater Technology I

Description: Enhances level-two and -three skills and includes in-depth exploration of theater operation, production management, scenic design, and theatrical management including lighting, sound, stage and house management, building and equipment maintenance, and working with performers and patrons of the arts. Prerequisite: Theater Technology II.

Course Name: Theater Technology IV

Course Number: 52.048000

Grade: 9 – 12

Prerequisites: Theater Technology III

Description: Enhances level-two and -three skills and includes in-depth exploration of theater operation, production management, scenic design, and theatrical management including lighting, sound, stage and house management, building and equipment maintenance, and working with performers and patrons of the arts. Prerequisite: Theater Technology III.

Music Pathway Courses

Guitar

Course Name: Beginning Guitar 1

Course Number: 53.0841001

Grade: 9 – 12

Prerequisites: None

Description: Introduces basic guitar techniques. Covers performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music and appreciation of music. Provides an individualized setting. COURSE DESCRIPTION: This is a beginning music course for students with little or no formal training on the guitar. Music fundamentals covering basic theory, notation, and rhythm will be covered.

The main focus of the class will of course be learning to play the guitar!

GOALS:

1. The student will be able to play guitar.
2. The student will be able to identify the fundamentals of music through guitar performance.
3. The student will apply music theory and guitar fundamentals to musical performance.

REQUIREMENTS: No musical experience is required to participate in class guitar – only a desire to learn how to play! Students will be expected to complete guitar performance tests (proficiencies) on their guitar.

Course Name: Beginning Guitar 2

Course Number: 53.0842001

Grade: 9-12

Prerequisites: Beginning Guitar 1

Description: Enhances level-one skills and provides further opportunities for individualized study in basic guitar techniques. Covers performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music and appreciation of music.

Course Name: Beginning Guitar 3

Course Number: 53.0843001

Grade: 9-12

Prerequisites: Beginning Guitar 2

Description: Enhances skills and provides further opportunities for individualized study in basic guitar techniques. Covers performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music and appreciation of music.

Course Name: Beginning Guitar 4

Course Number: 53.0844001

Grade: 9-12

Prerequisites: Beginning Guitar 3

Description: Enhances level-one skills and provides further opportunities for individualized study in basic guitar techniques. Covers performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music and appreciation of music.

Course Name: Intermediate Guitar Techniques I

Course Number: 53.085100

Grade: 9-12

Prerequisites: None

Description: Offers opportunities for intermediate-level performers to increase performance skills and knowledge in guitar techniques. Covers performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music and appreciation of music. Provides an individualized setting. Prerequisite: Beginning Guitar Techniques IV

Course Name: Intermediate Guitar Techniques II

Course Number: 53.085200

Grade: 9-12

Prerequisites: Intermediate Guitar Techniques I

Description: Enhances level-one skills and provides intermediate-level performers further opportunities for individualized study in guitar techniques. Covers performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music

Course Name: Intermediate Guitar Techniques III

Course Number: 53.085300

Grade: 9-12

Prerequisites: Intermediate Guitar Techniques II

Description: Enhances level-two skills and provides intermediate-level performers further opportunities for individualized study in guitar techniques. Covers performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music and appreciation of music. Prerequisite: Intermediate Guitar Techniques II.

Course Name: Intermediate Guitar Techniques IV

Course Number: 53.085400

Grade: 9-12

Prerequisites: Intermediate Guitar Techniques III

Description: 53.0854 Intermediate Guitar Techniques IV (Grades 9-12)

Enhances level-three skills and provides intermediate-level performers further opportunities for individualized study in guitar techniques. Covers performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music and appreciation of music.

Chorus

Course Name: Beginning (Mixed) Chorus I

Course Number: 54.021100

Grade: 9-12

Prerequisites: None

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

Course Name: Beginning (Mixed) Chorus II

Course Number: 54.021200

Grade: 9-12

Prerequisites: Beginning (Mixed) Chorus I

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

Course Name: Beginning (Mixed) Chorus III

Course Number: 54.021300

Grade: 9-12

Prerequisites: Beginning (Mixed) Chorus II

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

Course Name: Beginning (Mixed) Chorus IV

Course Number: 54.021400

Grade: 9-12

Prerequisites: Beginning (Mixed) Chorus III

Description:

Enhances level-three skills and provides further opportunities to develop performance skills and knowledge in mixed choral singing. Covers performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music and appreciation of music. Stresses self-paced progress and group experiences. Prerequisite: Beginning Mixed Chorus III.

Course Name: Intermediate (Mixed) Chorus I

Course Number: 54.022100

Grade: 9-12

Prerequisites: At least one year of involvement in chorus (this includes middle and high school choruses)

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

Course Name: Intermediate (Mixed) Chorus II

Course Number: 54.022200

Grade: 9-12

Prerequisites: At least one year of involvement in chorus (this includes middle and high school choruses)

Description: Provides intermediate-level performers opportunities to increase performance skills and knowledge in mixed choral singing. Covers performance and production, analysis and theoretical studies,

historical and cultural contributions and influences, creative aspects of music and appreciation of music. Organizes objectives for self-paced progress through all four levels. Stresses individual progress and group experiences.

Course Name: Intermediate (Mixed) Chorus III

Course Number: 54.022300

Grade: 9-12

Prerequisites: At least one year of involvement in chorus (this includes middle and high school choruses)

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

Course Name: Intermediate (Mixed) Chorus IV

Course Number: 54.022400

Grade: 9-12

Prerequisites: At least one year of involvement in chorus (this includes middle and high school choruses)

Description: Enhances level-three skills and provides intermediate-level performers further opportunities to increase performance skills and knowledge in mixed choral singing. Covers performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music and appreciation of music. Stresses self-paced progress and group experiences.

Band

Course Name: Jazz Band

Course Number: 54.064100

Grade: 9-12

Prerequisites: Teacher recommendation

Description: This course is designed to offer students exposure to the jazz/small ensemble performance idiom. Due to the performance nature of this course, students must be willing to attend all rehearsals and performances during and/or outside the school day. Additionally, participation in marching band may be required.

Course Name: Jazz Band II

Course Number: 54.064200

Grade: 9-12

Prerequisites: Teacher recommendation

Description: This course is designed to offer students exposure to the jazz/small ensemble performance idiom. Due to the performance nature of this course, students must be willing to attend all rehearsals and performances during and/or outside the school day. Additionally, participation in marching band may be required.

Course Name: Jazz Band III

Course Number: 54.064300

Grade: 9-12

Prerequisites: Teacher recommendation

Description: This course is designed to offer students exposure to the jazz/small ensemble performance idiom. Due to the performance nature of this course, students must be willing to attend all rehearsals and performances during and/or outside the school day. Additionally, participation in marching band may be required.

Course Name: Jazz Band IV**Course Number:** 54.064400**Grade:** 9-12**Prerequisites:** Teacher recommendation

Description: This course is designed to offer students exposure to the jazz/small ensemble performance idiom. Due to the performance nature of this course, students must be willing to attend all rehearsals and performances during and/or outside the school day. Additionally, participation in marching band may be required.

Course Name: Beginning Band I**Course Number:** 53.036100**Grade:** 9-12**Prerequisites:** Instrument

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

Course Name: Beginning Band II**Course Number:** 53.036200**Grade:** 9-12**Prerequisites:** Beginning Band I

Description: Enhances level-one skills. Provides opportunities to continue development of performance skills on a wind or percussion instrument. Continues emphasis on performance, production, analysis and appreciation of music. Stresses individualized learning and group experiences.

Course Name: Beginning Band III**Course Number:** 53.036300**Grade:** 9-12**Prerequisites:** Beginning Band II

Description: Enhances level-one skills. Provides opportunities to continue development of performance skills on a wind or percussion instrument. Continues emphasis on performance, production, analysis and appreciation of music. Stresses individualized learning and group experiences.

Course Name: Concert Band-Intermediate Band I**Course Number:** 53.0371000**Grade:** 9-12**Prerequisites:** Instrument

Description: Provides opportunities for intermediate-level performers to increase performance skills and precision on a wind or percussion instrument. Includes performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music and appreciation of music. Stresses individual progress and learning and group experiences; strengthens reading skills. Ensemble is open to all students; enrollment determined by audition. Limited extra-curricular rehearsals and performances required. Open to grades 9-12.

Course Name: Concert Band-Intermediate Band II**Course Number:** 53.0373000**Grade:** 9-12**Prerequisites:** Intermediate Band I

Description: Enhances level-one skills and provides further opportunities for intermediate-level performers to develop reading techniques and increase performance skills. Covers performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music and appreciation of music. Stresses individualized learning and group experiences. Ensemble is open to all students; enrollment determined by audition. Limited extra-curricular rehearsals and performances required. Open to grades 9-12.

Dance Pathway Courses

Course Name: Jazz Dance I

Course Number: 53.031000

Grade: 9-12

Prerequisites: None

Description: Introduces basic jazz techniques and vocabulary. Emphasizes aesthetic perception, creative expression and performance, historical and cultural heritage and aesthetic judgment and criticism.

Course Name: Jazz Dance II

Course Number: 53.032000

Grade: 9-12

Prerequisites: Jazz Dance I

Description: Enhances level-one skills; introduces jazz vocabulary, combinations of jazz technique skills, complex rhythms, longer phrases and specific techniques.

Course Name: Jazz Dance III

Course Number: 53.033000

Grade: 9-12

Prerequisites: Jazz Dance II

Description: Enhances level-two skills; emphasizes intermediate-level technical skills, a further expansion of jazz vocabulary and a broader experience of performance opportunities. Prerequisite: Jazz Dance II.

Course Name: Jazz Dance IV

Course Number: 53.034000

Grade: 9-12

Prerequisites: Jazz Dance III

Description: Enhances level-three skills; emphasizes advanced-level technical skills, further expansion of jazz vocabulary and a broader experience of performance opportunities. Prerequisite: Jazz Dance III.

Course Name: Modern Dance I

Course Number: 51.041000

Grade: 9-12

Prerequisites: None

Description: Introduces modern dance; covers shape, form, line and experimentation with individual expression and creativity. Stresses aesthetic perception, creative expression and performance, historical and cultural heritage and aesthetic judgment and criticism.

Course Name: Modern Dance II

Course Number: 51.042000

Grade: 9-12

Prerequisites: Modern Dance I

Description: Enhances level-one skills; emphasizes complex rhythms, movement combinations, longer phrases, transitions and centering on a specific technique. Offers performing and observation opportunities. Prerequisite: Modern Dance I.

Course Name: Modern Dance III

Course Number: 51.043000

Grade: 9-12

Prerequisites: Modern Dance II

Description: Enhances level-two skills; emphasizes intermediate-level technical skills, a further expansion of modern dance vocabulary, improvisation and a broader experience of performance opportunities. Prerequisite: Modern Dance II.

Course Name: Modern Dance IV

Course Number: 51.044000

Grade: 9-12

Prerequisites: Modern Dance III

Description: Enhances level-three skills; emphasizes advanced-level technical skills, speed and quality of movement, complex combinations, improvisational performance technique, the development of individual style and artistic growth. Prerequisite: Modern Dance III.

Career Pathways

Audio-Video Technology and Film Pathway Courses

Course Name: Audio & Video Technology & Film I

Course Number: 10.51810

Grade: 9 – 12

Prerequisites: None

Description: This course will serve as the foundational course in the Audio & Video Technology & Film pathway. The course prepares students for employment or entry into a postsecondary education program in the audio and video technology career field. Topics covered may include, but are not limited to: terminology, safety, basic equipment, script writing, production teams, production and programming, lighting, recording and editing, studio production, and professional ethics. Skills USA, the Georgia Scholastic Press Association, Technology Student Association (TSA) and Student Television Network are examples of, but not limited to, appropriate organizations for providing leadership training and/or for reinforcing specific career and technical skills and may be considered an integral part of the instructional program. All material covered in Audio & Video Technology & Film I will be utilized in subsequent courses.

Course Name: Audio & Video Technology & Film II

Course Number: 10.51910

Grade: 9 – 12

Prerequisites: Audio & Video Technology & Film I

Description: This one credit course is the second in a series of three that prepares students for a career in Audio Video Technology and Film production and/or to transfer to a postsecondary program for further study. Topics include Planning, Writing, Directing and Editing a Production; Field Equipment Functions; Operational Set-Up and Maintenance; Advanced Editing Operations; Studio Productions; Performance; Audio/Video Control Systems; Production Graphics; Career Opportunities; and Professional Ethics. Skills USA, the Georgia Scholastic Press Association, Technology Student Association (TSA) and Student Television Network are examples of, but not limited to, appropriate organizations for providing leadership training and/or for reinforcing specific career and technical skills and may be considered an integral part of the instructional program.

Course Name: Audio & Video Technology & Film III

Course Number: 10.52010

Grade: 9 – 12

Prerequisites: Audio & Video Technology & Film II

Description: This one-credit transition course is designed to facilitate student-led projects under the guidance of the instructor. Students work cooperatively and independently in all phases of production. Skills USA, the Georgia Scholastic Press Association, Technology Student Association (TSA), and Student Television Network are examples of, but not limited to, appropriate organizations for providing leadership training and/or for reinforcing specific career and technical skills and may be considered an integral part of the instructional program.

Energy Systems Pathway

Course Name: Foundations of Energy Technologies

Course Number: 49.53700

Grade: 9 – 12

Prerequisites:

This introductory course is designed to allow students to develop a broad understanding of the energy industry including infrastructure, generation, transmission and distribution of nonrenewable, renewable, and inexhaustible energy sources. Energy sources will be researched to include the regional and global economic implications, environmental, and sustainability issues. Students will explore future trends of energy and power. Students will develop, through research, an alternative energy system that will demonstrate their understanding of a unique, as well as appropriate, approach to energy and power generation

Course Name: Energy and Power Technology

Course Number: 21.45100

Grade: 9 – 12

Prerequisites:

As the second course in the Energy Systems Pathway, this introductory course explores the relationship between force, work, energy, and power. Students study the characteristics, availability, conversion, control, transmission, and storage of energy and power. Students will explore and apply the principles of electrical and mechanical power systems. Students will research renewable, non-renewable resources and conservation efforts. Students will develop an awareness of the many careers that exist in energy and related technologies and their related safety regulations. Prerequisite for this course is satisfactory completion of Foundations of Engineering and Technology.

Course Name: Appropriate and Alternative Energy Technologies

Course Number: 21.45700

Grade: 9 – 12

Prerequisites:

As the third course in the Energy Systems Pathway, students will develop an understanding of the differences between nonrenewable and renewable energy sources and how these energy sources affect their world. Alternative energy sources will be researched to include the regional implications and economic, environmental, and sustainability issues. Students will evaluate the positive and negative impacts of nuclear power and its relevancy to various situations in today's society. Students will explore future trends of energy, power, and transportation. Students will develop, through research, an alternative energy system that will demonstrate their understanding of a unique, as well as appropriate, approach to energy generation. The prerequisite for this course is Energy and Power Technology.

Graphic Design Pathway Courses

Course Name: Introduction to Graphics and Design

Course Number: 48.56100

Grade: 9 – 12

Prerequisites: None

Description: This course is designed as the foundational course for both the Graphics Production and Graphics Design pathways. The Graphics and Design course provides students with the processes involved in the technologies of printing, publishing, packaging, electronic imaging, and their allied industries. In addition, the Graphics and Design course offers a range of cognitive skills, aesthetics, and crafts that includes typography, visual arts, and page layout.

Course Name: Graphic Design and Production

Course Number: 48.56200

Grade: 9 – 12

Prerequisites: Introduction to Graphics and Design

Description: As the second course in the Graphics Communication and Graphics Design Pathways, this course builds on knowledge and skills learned in the Introduction to Graphics and Design course and focuses on procedures commonly used in the graphic communication and design industries. Students will gain more experience in creative problem solving and the practical implementation of those solutions across multiple areas of graphic design and graphic communications. The prerequisite for this course is Introduction to Graphics and Design.

Course Name: Advanced Graphic Design

Course Number: 48.52800

Grade: 9 – 12

Prerequisites: Graphic Design and Production

Description: Students will continue to explore in an increasingly independent manner, the principles of design and layout procedures relating to the field of graphic design. Content will cover electronic systems and software programs used in graphic design, 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. This is the final course in the Graphic Design pathway.

Culinary Arts Pathway Courses

Course Name: Introduction to Culinary Arts

Course Number: 20.4310000

Grade: 9 – 12

Prerequisites: None

Description: This semester course is designed to introduce students to fundamental food preparation terms, concepts, and methods in Culinary Arts where laboratory practice will parallel class work. Fundamental techniques, skills, and terminology are covered and mastered with an emphasis on basic kitchen and dining room safety, sanitation, equipment maintenance and operation procedures. Course also provides an overview of the professionalism in the culinary industry and career opportunities leading into a career pathway to Culinary Arts.

Course Name: Culinary Arts 1

Course Number: 20.4321000

Grade: 10 – 12

Prerequisites: Introduction to Culinary Arts

Description: Culinary Arts I is designed to create a complete foundation and understanding of Culinary Arts leading to post secondary education or a foodservice career. Building from techniques and skills learned in Foundation of Culinary Arts, this fundamentals course begins to involve all-depth knowledge and hands on skill mastery of Culinary Arts.

Course Name: Culinary Arts 2

Course Number: 20.4331000

Grade: 10-12

Prerequisites: Culinary Arts I

Description: Culinary Arts II is an advanced and rigorous in-depth course designed for the student who has continued the Culinary Arts Pathway and wishes to continue their education at the post secondary level or enter the foodservice industry as a proficient and well rounded individual. Strong importance is given to refining hands on production of the classic fundamentals in the commercial kitchen.

Automobile Maintenance and Light Repair Pathway

Course Name: Basic Maintenance & Light Repair

Course Number: 47.53110

Grade: 9 - 12

Description: This course is designed as the foundational course for the Automobile Maintenance and Light Repair pathway. Students in this course will learn the basic skills needed to gain employment as a maintenance and light repair technician. Students will be exposed to courses in automotive preventative maintenance and servicing and replacing brakes, and steering and suspension components. In addition, student will learn how to do general electrical system diagnosis, learn electrical theory, perform basic tests and determine necessary action. In addition, students will learn how to evacuate and recharge air-conditioning systems using the proper refrigerant. The hours completed in this course are aligned with ASE/NATEF standards and are a base for the entry-level technician. The pre-requisite for this course is advisor approval.

Course Name: Maintenance & Light Repair 2

Course Number: 47.53210

Grade: 9 - 12

Prerequisite: Basic Maintenance & Light Repair

Description: Students will learn the basic skills needed to gain employment as a maintenance and light repair technician and will expose students to automotive preventative maintenance and servicing, as well as replacing brakes, and steering and suspension components. Students will also learn general electrical system diagnosis, electrical theory, basic test requirements, and determining necessary action. In addition, students will learn how to evacuate and recharge air-conditioning systems using the proper refrigerant. Standards for this course are aligned with ASE/NATEF standards and are an excellent foundation for the entry-level technician. The prerequisite for this course is Basic Maintenance and Light Repair.

Course Name: Maintenance & Light Repair 3

Course Number: 47.53310

Grade: 9 - 12

Prerequisite: Basic Maintenance & Light Repair 2

Description: Students will learn the basic skills needed to gain employment as a maintenance and light repair technician and will expose student to automotive preventative maintenance and servicing, replacing brakes, as well as steering and suspension components. Students will learn about general electrical system diagnosis, electrical theory, basic tests that are required, and determine the necessary action. In addition, students will learn how to evacuate and recharge air-conditioning systems using the proper refrigerant. The standards in this course are aligned with ASE/NATEF standards and are an excellent foundation for the entry-level technician. The prerequisite for this course is Maintenance and Light Repair 2.

AgriScience Pathway Courses

Course Name: Basic Agricultural Science & Technology

Course Number: 02.471000

Grade: 9 - 12

Description: This course is designed as an introduction or support course for the AgriScience Pathway Program of Study. The course introduces the major areas of scientific agricultural production and research; presents problem solving lessons and introductory skills and knowledge in agricultural science and agri-related technologies. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities. This course gives an overview of many agricultural sciences topics. The following are examples of topics that can be covered: Veterinary Medicine, Plant Science, Animal Science, Natural Resources, Biotechnology, and Aquaculture.

Course Name: Plant Science and Biotechnology

Course Number: 02.441000

Grade: 9 - 12

Prerequisite: Basic Agricultural Science & Technology

Description: Plant science is a basic component of the AgriScience pathway. This course introduces students to the scientific theories, principles, and practices involved in the production and management of plants for food, feed, fiber, conservation and ornamental use. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities. This course gives an overview of the plant science industry. The following are examples of topics that can be covered: Greenhouse Management, Nursery/Landscape Design, Plant Physiology, Plant Taxonomy, Genomics and Plant Genetics, and Hydroponics.

Course Name: Animal Science

Course Number: 02.421000

Grade: 9 - 12

Prerequisite: Basic Agricultural Science & Technology

Description: As part of the AgriScience pathway program of study, this course is designed to introduce students to the scientific principles that underlie the breeding and husbandry of agricultural animals, and the production, processing, and distribution of agricultural animal products. Introduces scientific principles applied to the animal industry; covers reproduction, production technology, processing, and distribution of agricultural animal products. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities. This course gives an overview of the animal science industry. The following are examples of topics that can be covered: Animal Physiology, Agricultural Animal Science Industry, Small Animal Care & Management, Equine Management, Pre-Veterinary Medical Practices, Wildlife Management, Aquaculture, and Genomics & Animal Genetics.

Equine (Horse) Science Pathway Courses

Course Name: Basic Agricultural Science & Technology

Course Number: 02.471000

Grade: 9 - 12

Description: The course introduces the major areas of scientific agricultural production and research; presents problem solving lessons and introductory skills and knowledge in agricultural science and agri-related technologies. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities. This course gives an overview of many agricultural sciences topics. The following are examples of topics that can be covered: Veterinary Medicine, Plant Science, Animal Science, Natural Resources, Biotechnology, and Aquaculture.

Course Name: Animal Science

Course Number: 02.421000

Grade: 9 - 12

Prerequisite: Basic Agricultural Science & Technology

Description: This course is designed to introduce students to the scientific principles that underlie the breeding and husbandry of agricultural animals, and the production, processing, and distribution of agricultural animal products. Introduces scientific principles applied to the animal industry; covers reproduction, production technology, processing, and distribution of agricultural animal products. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities. This course gives an overview of the animal science industry. The following are examples of topics that can be covered: Animal Physiology, Agricultural Animal Science Industry, Small Animal Care & Management, Equine Management, Pre-Veterinary Medical Practices, Wildlife Management, Aquaculture, and Genomics & Animal Genetics.

Course Name: Equine Science (Horses)

Course Number: 02.422000

Grade: 9 - 12

Prerequisite: Basic Agricultural Science & Technology

Description: This laboratory course is designed to introduce students to the scientific principles of breeding and husbandry of horses, including the production, care, and management of horses. Students will be introduced to classification of breeds of horses, as well as nutrition, reproduction, and disease prevention and management.

Veterinary Science Pathway Courses

Course Name: Basic Agricultural Science & Technology

Course Number: 02.471000

Grade: 9 - 12

Description: The course introduces the major areas of scientific agricultural production and research; presents problem solving lessons and introductory skills and knowledge in agricultural science and agri-related technologies. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities. This course gives an overview of many agricultural sciences topics. The following are examples of topics that can be covered: Veterinary Medicine, Plant Science, Animal Science, Natural Resources, Biotechnology, and Aquaculture.

Course Name: Animal Science

Course Number: 02.421000

Grade: 9 - 12

Prerequisite: Basic Agricultural Science & Technology

Description: This course is designed to introduce students to the scientific principles that underlie the breeding and husbandry of agricultural animals, and the production, processing, and distribution of agricultural animal products. Introduces scientific principles applied to the animal industry; covers reproduction, production technology, processing, and distribution of agricultural animal products. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities. This course gives an overview of the animal science industry. The following are examples of topics that can be covered: Animal Physiology, Agricultural Animal Science Industry, Small Animal Care & Management, Equine Management, Pre-Veterinary Medical Practices, Wildlife Management, Aquaculture, and Genomics & Animal Genetics.

Course Name: Veterinary Science

Course Number: 02.424000

Grade: 9 - 12

Prerequisite: Basic Agricultural Science & Technology

Description: The agricultural education course in veterinary science covers the basics of animal care. Topics covered include disease, parasites, feeding, shelter, grooming, and general animal care. The target population is career preparatory students desiring to continue education after high school or to enter the workforce after graduation from high school. College preparatory students benefit from the course as an elective if they plan to enter college and pursue a degree to enter the veterinary profession. This course allows students entering the workforce after graduation from high school to develop entry-level skills to become employed and to continue education on the job.

Companion Animal System Pathway Courses

Course Name: Basic Agricultural Science & Technology

Course Number: 02.471000

Grade: 9 - 12

Description: The course introduces the major areas of scientific agricultural production and research; presents problem solving lessons and introductory skills and knowledge in agricultural science and agri-related technologies. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities. This course gives an overview of many agricultural sciences topics. The following are examples of topics that can be covered: Veterinary Medicine, Plant Science, Animal Science, Natural Resources, Biotechnology, and Aquaculture.

Course Name: Animal Science

Course Number: 02.421000

Grade: 9 - 12

Prerequisite: Basic Agricultural Science & Technology

Description: This course is designed to introduce students to the scientific principles that underlie the breeding and husbandry of agricultural animals, and the production, processing, and distribution of agricultural animal products. Introduces scientific principles applied to the animal industry; covers reproduction, production technology, processing, and distribution of agricultural animal products. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities. This course gives an overview of the animal science industry. The following are examples of topics that can be covered: Animal Physiology, Agricultural Animal Science Industry, Small Animal Care & Management, Equine Management, Pre-Veterinary Medical Practices, Wildlife Management, Aquaculture, and Genomics & Animal Genetics.

Course Name: Small Animal Care

Course Number: 02.423000

Grade: 9 - 12

Prerequisite: Basic Agricultural Science & Technology

Description: The goal of this course is designed to provide students with skills and concepts involved with the care and management of companion animals. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Agriculture Leadership in Plant Science

Course Name: Basic Agricultural Science & Technology

Course Number: 02.471000

Grade: 9 - 12

Description: The course introduces the major areas of scientific agricultural production and research; presents problem solving lessons and introductory skills and knowledge in agricultural science and agri-related technologies. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities. This course gives an overview of many agricultural sciences topics. The following are examples of topics that can be covered: Veterinary Medicine, Plant Science, Animal Science, Natural Resources, Biotechnology, and Aquaculture.

Course Name: Plant Science and Biotechnology**Course Number: 02.441000****Grade: 9 - 12****Prerequisite:** Basic Agricultural Science & Technology

Description: This course introduces students to the scientific theories, principles, and practices involved in the production and management of plants for food, feed, fiber, conservation and ornamental use. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities. This course gives an overview of the plant science industry. The following are examples of topics that can be covered: Greenhouse Management, Nursery/Landscape Design, Plant Physiology, Plant Taxonomy, Genomics and Plant Genetics, and Hydroponics.

Course Name: Agribusiness Management and Leadership**Course Number: 01.412000****Grade: 9 - 12****Prerequisite:** Basic Agricultural Science & Technology

Description: The Agribusiness Management and Leadership course provides a foundation for students interested in pursuing a degree in agribusiness through post-secondary study or to enter the Agribusiness industry upon graduation from high school. The student will demonstrate competence in the application of principles and practices of agribusiness management and leadership. The course will help students build a strong knowledge base of the agribusiness industry as they study agribusiness types, business management, financial analysis, communications, agricultural law, leadership and teamwork, ethics, and agricultural economics. Mastery of these standards through project-based learning and leadership development activities in the FFA and supervised agricultural experience program will help prepare students for post-secondary study or entry into agribusiness.

JROTC - Army Pathway Courses**Course Name : JROTC Leadership Education 1****Course Number: 28.031000****Grade: 9 - 12****Prerequisite:** None

Description: Students develop knowledge and understanding in: Citizenship (Foundations of the JROTC Program, introduction to military organizations and procedures, and individual and unit drill), basic leadership principles, Foundations for Success (learning styles; study and communication skills), conflict resolution techniques, introduction to a financial planning program, and service learning. Elective topics include physical training/development, rope course activities and introduction to map reading/land navigation.

Course Name: JROTC Leadership Education 2**Course Number: 28.032000****Grade: 9 - 12****Prerequisite:** JROTC Leadership Education 1

Description: Students focus on the development of knowledge and skills in wellness, fitness and first aid, (nutrition, first aid, injury prevention and drug awareness), citizenship and American government (group meeting process, constitutional rights and civil and military justice systems) and basic map reading. Elective topics include Physical Training/Development, rope course activities and map reading/land navigation

Course Name: JROTC Leadership Education 3**Course Number: 28.033000****Grade: 10 - 12****Prerequisite:** JROTC Leadership Education 1 & 2

Description: LET 3 offers advanced work in leadership theory and application (diversity, performance indicators, negotiation, decision making and problem solving, foundations for success (communication, personal organization, financial planning and career exploration), and continuation in the development of leadership, drill, physical training/development and other elective subjects introduced in LET 1 and 2.

Course Name: JROTC Leadership Education 4

Course Number:

Grade: 10 - 12

Prerequisite: JROTC Leadership Education 1, 2 & 3

Description: Students develop a knowledge and understanding: of the Department of Defense and the roles and missions of the armed services, advanced leadership principals (power bases and influence, leadership styles, management skills and motivation); teaching skills (lesson development, delivery and feedback), financial management skills and outdoor survival skills. Also includes continuation in the development of leadership, drill, physical training/development and other previously introduced electives

Course Name: JROTC Leadership Education 5, 6 & 7

Course Number:

Grade: 11 - 12

Prerequisite: JROTC Leadership Education 1, 2, 3 & 4

Description: Students approved for these leadership courses are scheduled in regular JROTC course periods and serve as cadet company leaders. This hands-on experience affords students the opportunity to advance in position(s) and apply some of the leadership and management skills from previous JROTC courses. Students assist in the presentation of drill and other military subjects, present supervised class instruction to other cadets, and receive special instruction concerning staff procedures, the chain of command, and the procedures used to manage the JROTC program. (Students desiring these courses are expected to have basic skills proficiency in cadet general knowledge and in the performance of key tasks in drill, map reading, first aid, and rope skills.) Approved (by instructors) students are also expected to occasionally be available at times in excess of daily class (i.e. before/after school, weekend trips/activities, etc.), maintain passing grades in all other courses/subject areas, maintain a superior discipline record, and have an above average record in JROTC courses and activities.

Course Name: JROTC Cadet Staff Leadership and Management

Course Number:

Grade: 11 - 12

Prerequisite: JROTC LET 1, 2, and 3; attendance at a JROTC Cadet Leadership Challenge (Summer Camp); minimum 2.5 GPA (all courses) and a 3.0 in JROTC courses; Instructor approval

Description: Selected students serve as cadet senior leaders (Commander, Executive Officer, Command Sergeant Major) and primary staff for the cadet Battalion organization. This hands-on experience affords students the opportunity to apply leadership and management skills learned in previous JROTC courses. Students are assigned a specific area of responsibility, taught how to perform and manage their duties, and conduct the planning, decision-making, coordination, control and execution of cadet activities during the school year. Students are required to use their personal leadership, organizational, communication, and personal interaction skills in the performance of their duties. Students are also expected to: occasionally be available at times in excess of daily class (i.e. before/after school, weekend trips/activities, etc.), maintain passing grades in other courses/subject areas, maintain a superior discipline record, and have an above average record in JROTC courses and extracurricular program activities. **Students approved for the honors option are also required to complete a semester project (in an approved topic) and a presentation to a panel of faculty members. The project may be a research paper, scientific analysis or a service project (with written summary and personal reflection).**