

FULTON COUNTY BOARD OF EDUCATION

# Northview High School

10625 Parsons Road  
Johns Creek, GA 30097  
770-497-3828  
FAX 770-497-3844  
CEEB/School Code: 111148  
[www.northviewhigh.com](http://www.northviewhigh.com)

*Home of the "Titans"*

---

## COURSE CATALOG 2010 – 2011



***Our mission is to instill excellence  
in academics, arts, and athletics.***

*All information is current as of 12/11/09*

**FULTON COUNTY SCHOOL SYSTEM GRADUATION  
REQUIREMENTS  
CLASS OF 2011**

<b>CAREER TECHNOLOGY</b>		<b>COLLEGE PREPARATORY</b>		<b>DUAL DIPLOMA</b>	
<u>Courses</u>	<u>Credits</u>	<u>Courses</u>	<u>Credits</u>	<u>Courses</u>	<u>Credits</u>
Language Arts	4	Language Arts	4	Language Arts	4
Language Arts Core	3	Language Arts Core	3	Language Arts Core	3
World Lit and Selective		World Lit and Selective		World Lit and Selective	
OR AP English Literature		OR AP English Literature		OR AP English Literature	
OR College English	1	OR College English	1	OR College English	1
Mathematics	3	Mathematics	4	Mathematics	4
Algebra I or equivalent	1 or 2	Algebra I	1	Algebra I	1
Selectives	2 or 1	Geometry	1	Geometry	1
		Algebra II	1	Algebra II	1
		Selective (above Algebra II)	1	Selective (above Algebra II)	1
Science	3	Science	3	Science	3
Biology	1	Biology	1	Biology	1
Physical Science OR		Physical Science	1	Physical Science	1
Principle of Technology	1	Selective	1	Selective	1
Selective	1	OR		OR	
		Biology	1	Biology	1
		Chemistry	1	Chemistry	1
		Physics	1	Physics	1
Social Studies	3	Social Studies	3	Social Studies	3
American Government/Civics	0.5	American Government/Civics	0.5	American Government/Civics	0.5
World History	1	World History	1	World History	1
U.S. History	1	U.S. History	1	U.S. History	1
Economics	0.5	Economics	0.5	Economics	0.5
		World Language	2	World Language	2
Career Technology	4			Career Technology	4
Career Technology Core	3			Career Technology Core	3
Selective	1			Selective	1
Fine Arts OR Level III or Above World Language OR Career Technology	1	Fine Arts OR Level III or Above World Language OR Career Technology	1	Fine Arts OR Level III or Above World Language OR Career Technology	1
Health/Physical Education	1	Health/Physical Education	1	Health/Physical Education	1
Health	0.5	Health	0.5	Health	0.5
Personal Fitness	0.5	Personal Fitness	0.5	Personal Fitness	0.5
Electives	3	Electives	4	Electives	0
<b>TOTAL:</b>	<b>22</b>	<b>TOTAL:</b>	<b>22</b>	<b>TOTAL:</b>	<b>22</b>

*The above represent minimum graduation requirements.*

1. Applied Problem Solving AND Applied Algebra may be substituted for Algebra I.
2. Language Arts Core includes 9th grade Lit & Comp, 10th grade Lit & Comp, American Lit & Comp and World Lit.  
Senior Selectives include Multicultural Lit, English Lit, and Contemporary Lit
3. Career Technology Core selected from Architectural Drawing & Design, Broadcast Video Production, Business, Computer Science, Engineering, and Marketing Sales and Service/Fashion.
4. College Preparatory "Diploma with Distinction" requires two additional units from Language Arts, Mathematics, Science, Social Studies, World Language, or Fine Arts and an overall core average of 80 or higher.
5. Career Technology "Diploma with Distinction" requires one additional unit from Career-Technology and one unit from Lang Arts, Mathematics, Science, Social Studies, World Language, or Fine Arts and an overall core average of 80 or higher.
6. Graduation Tests (GHSGT) Students must pass all five sections (Writing, Math, Science, English, Science, Social Studies)
7. End-of-Course Tests (EOCT) Students must complete EOCT in Algebra I, Geometry, US History, Economics, Ninth Grade Lit and Comp, American Lit and Comp, Biology, and Physical Science.

**FULTON COUNTY SCHOOL SYSTEM GRADUATION  
REQUIREMENTS  
CLASS OF 2012 and beyond**

<b>COURSES</b>	<b>UNITS OF CREDIT</b>
<b>Language Arts</b>	<b>4</b>
	1 unit of 9 <sup>th</sup> grade Literature and Composition 1 unit of American Literature and Composition 2 additional units
<b>Science</b>	<b>4</b>
	1 unit of Biology (can be AP/IB) 1 unit of Physical Science or Physics (AP/IB) 1 unit of Chemistry, Earth Systems, Environmental Science, or AP/IB Science 1 unit of a 4 <sup>th</sup> science, including any AP/IB, academic science, or career tech science
<b>Mathematics</b>	<b>4</b>
	1 unit of Integrated Advanced Algebra or Accelerated Integrated Advanced Algebra Honors 1 unit of Integrated Geometry or Accelerated Integrated Geometry Honors 1 unit of Integrated Algebra II or Accelerated Integrated Pre-Calculus Honors 1 additional math unit (Integrated Trigonometry or any higher level mathematics course, including AP/IB)
<b>Social Studies</b>	<b>3</b>
	½ unit of American Government/Civics 1 unit of World History 1 unit of United States History ½ unit of Economics
<b>World Language* AND/OR CTAE** (Career, Technical and Agricultural Education) AND/OR Fine Arts</b>	<b>3</b>
<b>Health/Physical Education</b>	<b>1</b>
	½ unit of Health ½ unit of Personal Fitness
<b>Electives</b>	<b>4</b>
<b>TOTAL UNITS (Minimum):</b>	<b>23</b>
<p><b>*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.</b></p> <p><b>**Students wishing to receive industry certification in certain areas under Career, Technical and Agricultural Education programs must follow specific pathways.</b></p>	

*The above represent minimum graduation requirements.*

1. Science: Courses to meet the 4<sup>th</sup> year requirement include AP Physics B/C, AP Biology, AP Chemistry, AP Environmental Science, Organic Chemistry & Biochemistry Honors, Human Anatomy and Physiology, Environmental Science, Earth Systems, AP Computer Science A, Engineering Applications, and Food Nutrition through Lifespan  
\*4<sup>th</sup> science unit may be used to meet both the science and elective requirements.
2. Math Selectives: Discrete Math/Stats, AP Statistics, AP Calculus AB, AP Calculus BC, or Calculus II/III at Georgia Tech
3. Career Pathways: Architectural Drawing & Design, Broadcast Video Production, Business, Computer Science, Engineering, and Marketing Sales and Service/Fashion.
4. Health/Physical Education: Three units of JROTC may be used to meet the Personal Fitness requirement.
5. Students with disabilities will be eligible to earn a regular diploma by meeting the requirement outlined in the graduation rule and in their Individualized Education Plan (IEP).
6. Graduation Tests (GHSGT) Students must pass all five sections (Writing, Math, Science, English, Science, Social Studies)
7. End-of-Course Tests (EOCT) Students must complete EOCT in Integrated Advanced Algebra, Integrated Geometry, US History, Economics, Ninth Grade Lit and Comp, American Lit and Comp, Biology, and Physical Science.

### **Sample Freshmen Schedules**

Fall Semester	Spring Semester
Language Arts	Language Arts
Math	Math
Biology	Biology
Am Gov't/Civics	General Health
Elective	Elective
Elective	Elective

**OR**

Fall Semester	Spring Semester
Language Arts	Language Arts
Math	Math
Biology	Biology
Am Gov't/Civics	General Health
World Language	World Language
Elective	Elective

### **Sample Sophomore Schedules**

Fall Semester	Spring Semester
Language Arts	Language Arts
Math	Math
Physical Science	Physical Science
Am Gov't/Civics	General Health
World Language	World Language
Personal Fitness	Elective

**OR**

Fall Semester	Spring Semester
Language Arts	Language Arts
Math	Math
Chemistry	Chemistry
World History	World History
World Language	World Language
Elective	Elective

### **Sample Junior Schedules**

Fall Semester	Spring Semester
Language Arts	Language Arts
Math	Math
Chemistry	Chemistry
US History	US History
World Language	World Language
Elective	Elective

**OR**

Fall Semester	Spring Semester
Language Arts	Language Arts
Math	Math
Physics	Physics
US History	US History
World Language	World Language
Elective	Elective

### **Sample Senior Schedules**

Fall Semester	Spring Semester
Language Arts	Language Arts
Math	Math
Science	Science
Economics	Elective
Elective	Elective
Elective	Elective

**OR**

Fall Semester	Spring Semester
Language Arts	Language Arts
Math	Math
Science	Science
Economics	Personal Fitness
World Language	World Language
Elective	Elective

#### ***Recommended Electives:***

Art  
 Music  
 Computer Science  
 Business  
 Engineering  
 Physical Education (PE)  
 Drama

Broadcast Video Production  
 Marketing Sales and Service/Fashion  
 Architectural Drawing & Design  
 additional Science course  
 additional Social Studies course  
 additional World Language course  
 additional Math courses

JROTC  
 SAT Prep  
 Journalism  
 CBE  
 TAG internship  
 Mentorship  
 AP or college courses

Northview High School opened in August 2002, and is a unit of the Fulton County School System. We are a four-year, comprehensive high school accredited by the Georgia Department of Education and the Southern Association of Colleges and Schools.

School system graduation requirements consist of a core curriculum and additional options leading to a high school diploma. The total number of required units of credit *cannot* be waived.

**Graduation Requirements**

The Georgia Board of Education establishes graduation requirements for all students in public schools. The Fulton County School System bases its requirements on the state requirements. Local school systems must meet all state requirements; however, they may go beyond those requirements.

**Credit for High School Courses Taken in Middle School**

Students who take high school math courses and/or two years of the same world language in middle school may receive unit credit toward their high school requirements. It takes two years of the same world language in middle school to equate to one unit of high school world language.

**ELIGIBILITY FOR GRADUATION**

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

- 22 (Class of 2011) or 23 (Class of 2012 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
- **Required Course** – one that is mandatory for a specific program of study
- **Selective Course** – one of several designated courses from which a student may choose in meeting the requirements of 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
- **AP Diploma** - students earning five or more units of Advanced Placement credit may qualify for the honorary *AP Diploma* offered by the College Board.

**\*\*\* The information below applies to the CLASS OF 2011**

- **Seal** – an attachment placed on a high school diploma indicating the successful completion of one or more programs of study
- **Career-Technology Seal of Endorsement** – awarded upon completion of the Career-Technology program of study, which requires 22 units to graduate (four units

must be earned in Career-Technology programs with at least three from one area of concentration)

- **College Preparatory Seal of Endorsement** – awarded upon completion of the College Preparatory program of study, which requires 22 units to graduate
- **Dual Diploma** – students who fulfill requirements for both the College Preparatory and Career-Technology Seals of Endorsement will be awarded a Dual Diploma
- **Diploma with Distinction** - students who exceed minimum graduation requirements are recognized by the State Department of Education if they fulfill the following criteria:



The **Career-Technology Diploma with Distinction** requires 24 units with one additional unit from Career-Technology and one unit from Language Arts, Mathematics, Science Social Studies, World Language, or Fine Arts, and an overall core average of 80 or higher.

The **College Preparatory Diploma with Distinction** requires 24 units with two additional units from Language Arts, Mathematics, Science, Social Studies, World Language, or Fine Arts, as well as an overall core average of 80 or higher.

**\*\*\* The information below applies to the CLASS OF 2012 AND BEYOND**

- **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.
- **Secondary School Credential** – a document awarded to students at the completion of the high school experience
  - **High School Diploma** – This document certifies that students have satisfied attendance, unit credit and state assessment requirements.
  - **High School Certificate** – This document is awarded to students who do not complete all of the criteria for a diploma but who meets all requirements for attendance and unit credits.
  - **Special Education Diploma** – This is awarded to students with disabilities assigned to a special education program who have not met the state assessment requirements or who have not completed all of the requirements for a high school diploma but who have completed the Individualized Education Program (IEP). Students with **significant cognitive disabilities** are those with significant intellectual disabilities or intellectual disabilities concurrent with motor, sensory or emotional/behavioral disabilities that require substantial adaptations and support to access the general curriculum and require additional instruction focused on relevant life skills and participate in the Georgia Alternate Assessment (GAA). Students with significant cognitive disabilities may graduate and receive a regular high school diploma when the student’s IEP team determines that the student has:
    1. Completed an integrated curriculum based on the GPS that includes instruction in Mathematics, English/Language Arts, Science and Social

Studies as well as career preparation, self determination, independent living and personal care to equal a minimum of 23 units of instruction.

2. Participated in the GAA during middle school and high school and earned a proficient score on the high school GAA test, and
  3. Reached the 22<sup>nd</sup> birthday OR has transitioned to an employment/education/ training setting in which the supports needed are provided by an entity other than the local school system.
- **Unit** – one unit of credit awarded for a minimum of 150 clock hours of instruction or 135 hours of instruction in an approved block schedule
  - **Unit, Summer School** – one unit of credit awarded for a minimum of 120 clock hours of instruction or 135 hours of instruction

### **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 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 high school in Fulton County 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 by the student determines assignments beyond the freshman year.
- A student remains a freshman until such time that he/she earns 5 credits to be a sophomore, 10 credits to be a junior and 16 credits to be a senior for the Class of 2011 and 5 credits to be a sophomore, 11 credits to be a junior and 17 credits to be a senior for the Class of 2012 and beyond.
- Students who do not complete high school within the traditional four years attend a conference including the student, parent(s)/guardian(s) and appropriate school staff, and are assigned to the open campus education program if this placement is deemed to be in the best interest of the student.
- At the end of the junior year, each high school provides notification by registered U.S. mail 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 notification is kept in the counselor's office and sent to the student and parent(s)/guardian(s).

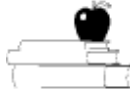
**Waiver of Requirements** The total number of required unit credits (22 for the Class of 2011 or 23 for the Class of 2012 and beyond) cannot be waived.

### **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. If a student has not passed any portion of the GHSGT after four attempts, and they meet the criteria for a state waiver or variance, they should immediately submit a request to the state. Criteria for waivers and variances can be found at <http://public.doe.k12.ga.us>. Qualified students should apply following

the winter testing period of their senior year to assume their request is considered in time to participate in graduation exercises. Their school counselors shall monitor student progress toward graduation requirements, and advise students who meet the criteria for a waiver or variance of this option in a timely manner.

### **School Day**



The school day consists of six academic periods and a lunch period. *Each student must carry a full schedule of classes.* Students enrolled in joint enrollment and internship programs are considered full-time students. The school year consists of two eighteen-week semesters. Students earn one-half unit of credit for each course per semester. Most courses meet for the entire school year, earning a total of one unit of credit, while some are intended as one-semester experiences.

### **Advanced Placement (AP) Courses**

The Fulton County School system offers numerous Advanced Placement courses representing computer science, language arts, mathematics, science, social studies, world language, music, and visual art. 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 Dr. Macris for information and application procedures.

### **Joint Enrollment/ACCEL Classes**

Students may enroll in college or technical school courses and receive simultaneous credit toward their respective diploma programs. In addition, Georgia Perimeter College offers College English, College Macroeconomics, and College Public Speaking on the Northview campus. Also, Georgia Institute of Technology offers College Calculus through a Distance Learning Program here on the Northview campus to those students who have completed AP Calculus BC. Students must meet the requirements (application, GPA, SAT/ACT, etc.) of the colleges to be admitted into their joint enrollment requirements.

Effective spring 2005, Postsecondary Options funding were replaced by the ACCEL Program, a part of the HOPE Scholarship program. All credit hours for which students receive payment shall be included in the maximum total credits that will be funded through the student's HOPE Scholarship.

### **Online Learning Programs**

An educational opportunity where students can take classes through approved distance learning educational institutions. Per FCBOE Board Policy IHF, the following guidelines must be followed as applicable:



If the student can take a course at their local school, they should be scheduled for the local school course rather than an online course. The following will be considered valid reasons for NOT taking the course at the local school:

- The desired course is not offered.
  
- A student has failed a class and cannot recover credit and meet his/her four year plan goals.
  
- A student is requesting credit for a course that is not necessary for graduation and exceeds his/her four year plan.

- A student needs to take a required course so that he/she may free up his schedule for another required course or a specialized course not offered online and/or fitting into the student's schedule. (For example: Career & Technical Education courses, Advanced Placement courses, etc.).

When local school approval is granted for students to enroll in online courses, the following preferences should be applied:

- First preference should be given to a Fulton County Schools Virtual Campus (FCVS) course. Fulton County Schools Virtual Campus (FCVS) [www.fultonk12virtualcampus.net](http://www.fultonk12virtualcampus.net)

#### **Fulton County Virtual Campus**

Virtual Campus is an online learning program that provides students with a unique opportunity to take courses over the Internet rather than inside a traditional classroom. The courses are designed for students who want to make up a course or get ahead by earning additional credits toward high school graduation. The Virtual Campus is a partner with Gwinnett County Schools' "Online Campus." Online courses provide flexibility, encourage personal initiative, promote interactive learning and critical thinking, and offer an intellectual challenge to selected students. For more information, please visit: [www.fultonk12virtualcampus.net](http://www.fultonk12virtualcampus.net)

- If no FCVS course is offered, second preference should be given to a Georgia Virtual School course. Georgia Virtual School (GAVS) [www.GAVirtualSchool.org](http://www.GAVirtualSchool.org)

#### **Please Note:**

- *All EOCT courses (Integrated Advanced Algebra (or Algebra I), Integrated Advanced Geometry (or Geometry), Physical Science, Biology, Economics, U.S. History, 9<sup>th</sup> Grade Literature & Composition, and American Literature & Composition) must be taken through FCVS or GAVS or summer school or Night School.*
- *Students who are approved to take a course online that has an End of Course Test for that course must take the test to receive a grade for the course (online course grade = 85% of final grade and EOCT = 15% of final grade).*
- Students must meet with their counselor to fill out an "[Off Campus Course Request Form](#)" before signing up for an online course. *The counselor reserves the right to approve or deny any request.*
- Only one full credit may be taken online per semester during the school year.
- The graduating senior's counselor must **receive** an official transcript from the online provider one week prior to graduation. *Requesting the transcript be sent to Northview H.S. is the responsibility of the student.*

If the student requires a class that cannot be taken from his local school, summer school, Night School, the FCVS or the GAVS, the student may register for a course offered by an alternative source provided that the source and specific course have been approved by the office responsible for secondary curriculum and instruction (Phone: 404-763-5739). If the course is not offered through FCVS or GAVS, a list of other accredited online programs will be provided by the student's counselor.

#### **Night School Program**

Students may retake failed courses or complete additional coursework through the Night School Program. One or two courses may be taken on the same evening. Classes meet Monday/Wednesday or Tuesday/Thursday for two hours each. Night School courses are available at Independence and McClarin High Schools on a tuition basis; registration is done through the Counseling Office.

### **Career-Technology Programs** (Class of 2011)

Northview offers seven programs of study leading to Career-Technology or Dual Diploma Seals of Endorsement: Architectural Drawing & Design, Broadcast Video Production, Business, Computer Science, Engineering, and Marketing Sales and Service/Fashion.

### **Career Pathways** (Class of 2012 and beyond)

Career Pathways are state-approved career enhancement programs defined as a coherent, articulated sequence of rigorous academic and career related courses usually commencing in the ninth grade and leading to an associate degree, and or an industry-recognized certificate or licensure, and/or a baccalaureate degree and beyond. 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 Northview include Architectural Drawing & Design, Broadcast Video Production, Business, Computer Science, Engineering, and Marketing Sales and Service/Fashion. Career and Technical Education Pathway completion requires that students earn three (3) units of credit from one pathway chosen from the concentration areas above.

### **Special Education Interrelated Resource (IRR)**

Students with mild-moderate disabilities may be served through the Interrelated Resource (IRR) 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.

### **Talented and Gifted Program (TAG)**

The TAG program augments classroom activities through seminars, subject area extensions, directed studies, and career internships. At least one TAG option must be completed during each semester. Failure to meet this requirement may result in dismissal from the program. Grades are not given for seminars and subject area extensions; academic credit is earned through directed studies and internships. Students participating in the TAG program in middle school qualify for immediate placement in high school TAG. Screening is held each year at the high school level for students not previously recommended for TAG.

### **ESOL**

The ESOL (English Speakers of Other Languages) provides students whose primary language is not English an opportunity to acquire language and content skills needed for success in and out of school. The program develops proficiency in listening, speaking, writing, and reading. Students from other cultures become acclimated to American culture through language-based activities. All instruction in the ESOL program is given in English to facilitate the acquisition of English language skills.

### **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 Business Procedures (previously known as CBE), Career-Technology Intervention (CTI) and Youth Apprenticeship (YAP). These programs combine classroom instruction, on the job work experience, and leadership training through the Future Business Leaders of America. 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.

## **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



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

**Seven honors points are added to each passing grade in Dual Enrollment/ACCEL/postsecondary options courses, honors, or College Board Advanced Placement classes.**

## **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. Eligible students receive financial assistance covering tuition, HOPE-approved mandatory fees, and a book allowance. In addition to being a U.S. Citizen or an eligible non-citizen, a high school graduate, and a legal resident of Georgia, students must earn a 3.0 cumulative grade point average GPA for the college preparatory track and a 3.2 cumulative GPA for the career technology track.

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). In addition, all honors points are removed before the calculation and 0.50 weighting is added back in for AP and IB courses only, not to exceed 4.0. 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](http://www.sss.gov); males must register before their 18<sup>th</sup> birthday) and repayment of student loans, and complete the following forms online: the Free Application for Federal Student Aid (FAFSA - [www.fafsa.ed.gov](http://www.fafsa.ed.gov)) and/or Georgia Student Financial Aid Application System (GSFAPPS - [www.GAcollege411.org](http://www.GAcollege411.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](http://www.gsfc.org).

## **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. Course placement is contingent upon the final *unweighted* course grade. If a student fails to meet a prerequisite *unweighted* grade requirement by three or fewer points but has fulfilled all other prerequisites, a parent may request placement in the desired course by completing a **placement waiver**. This is the only circumstance for which placement waivers will be offered.



## Promotion/Retention

High school students must earn a certain number of units in order to earn promotion to the next grade level. Requirements for promotion are:

	<u>Class of 2011</u>	<u>Class of 2012 and beyond</u>
Freshman:	promotion from eighth grade	promotion from eighth grade
Sophomore:	minimum of 5 units of credit	minimum of 5 units of credit
Junior:	minimum of 10 units of credit	minimum of 11 units of credit
Senior:	minimum of 16 units of credit	minimum of 17 units of credit

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.

## Schedule Changes

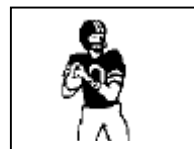
Once classes are scheduled, it is difficult to make schedule changes because many classes will have reached maximum enrollment. Students may not be enrolled in a class that is considered filled. Overloading classes constitutes a violation of State Standards and is not permitted.

If there is a need to request a schedule change, students must do so well in advance of the semester for which the change is desired. Requests will be granted on an "as available" basis when stated timelines for requests are followed.

After classes have been scheduled, requests will be considered only for the following reasons:

- the student has failed a required course and must repeat the course
- the student has failed a prerequisite and is not eligible to continue in the course sequence
- the student has failed to enroll in a course required for graduation
- the student demonstrates poor achievement in a prerequisite course and is advised by both the teacher and counselor or administrator not to enroll in a more advanced course
- there is a scheduling conflict or a course has been cancelled

Requests for changes of a class period or lunch *will not* be honored. Northview reserves the right to make adjustments to student schedules due to changes in enrollment and/or to balance class sizes. Students enrolled in an Honors or AP class requesting a change to a regular level course are expected to complete the first semester before the change will be made.



## Eligibility for Competitive Interscholastic Activities

Students participating in competitive interscholastic activities must pass five (5) out of six (6) 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.

**UNIVERSITY SYSTEM OF GEORGIA – ADMISSION REQUIREMENTS**  
*for use as a guideline only - information/requirements are subject to change*  
**CLASS OF 2011**

1. Completion of the College Preparatory Curriculum (CPC) is required for admission to public colleges and universities in Georgia.

The University System College Preparatory Curriculum includes 16 units of credit in these specific core areas:

- 4 units of English
  - 4 units of Mathematics (Algebra I, Geometry, Algebra II, and a fourth year of math)
  - 3 units of Science (Biology, Physical Science or Physics, and a third year of science)
  - 3 units of Social Science (including US History and World History)
  - 2 units of the same World Language
- 16 Total College Prep Units**

\*state core = language arts, science, social studies, math and world language

**2. SAT or ACT Scores (Minimums)**

SAT scores – Verbal 430; Math 400

ACT scores – English 17; Math 17

\*many colleges require a SAT/ACT writing test for placement purposes

**3. Freshmen Index (FI)**

The FI is a formula using the applicant's SAT score and high school CORE grade point average (HSGPA) to determine eligibility for college admission. The HSGPA is calculated on the 16 University System of Georgia college preparatory curriculum units required for all students.

[SAT Verbal Score + SAT Math score + (High School Academic GPA from the 5 core areas X 500)]

**The 35 institutions in the University System are grouped as follows:**

- ❑ **Research Universities** (*UGA , Georgia Tech, Georgia State University, Medical College of Georgia*)  
one unit of mathematics beyond Algebra II required; Algebra I required.
- ❑ **Regional Universities** (*Georgia Southern University, Valdosta State University*)  
one unit of mathematics beyond Algebra II may be required; Algebra I required.
- ❑ **State Universities** (*All other four-year state universities including Georgia Gwinnett College, Kennesaw State University, Southern Polytechnic State University, State University of West Georgia, and Georgia College & State University*)  
one unit of mathematics beyond Algebra II is strongly recommended.
- ❑ **Two-Year Colleges** (*all two-year colleges including Georgia Perimeter College, Gainesville College, and Atlanta Metropolitan College*)
- ❑ **Technical Colleges** (*Gwinnett Tech, Lanier Tech, Atlanta Area Tech, and all other University System technical colleges*)  
Admission requires satisfactory completion of a high school diploma or equivalent program.

**Private colleges in Georgia as well as out-of-state public and private institutions may have additional requirements such as an additional unit of world language, science or math.**

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

The Board of Regents requires 17 units. Students will be required to present a transcript that includes four units of language arts, four of mathematics, four of science, three of social studies, and two of the same world language. In addition to the 17 CPC units requirement, freshman applicants will be considered for admission based on the "Freshman Index (FI)"—a formula using the applicant's SAT score and high school grade point average—which will be used to help determine a student's readiness for college work. The FI is a means of applying several factors to the admissions decision-making process. It provides equity for students who test well on standardized tests as well as those who do not but who work hard to earn great grades. Using the index, both can be given appropriate consideration.

## Curriculum Requirements:

17 Curriculum Units are required at all university system institutions:

- 4 units of language arts – literature (American, English, World) integrated with grammar, usage and advanced composition skills
- 4 units of mathematics – algebra I and II, geometry, and a fourth year of advanced algebra and trigonometry, algebra III, pre-calculus, discrete mathematics, calculus, AP calculus, statistics, IB mathematics or analysis
- 4 units of science – including at least one lab course from life science and one lab course from the physical sciences
- 3 units of social studies – must include US 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.

## Freshman Index (FI):

### **SAT Verbal Score + SAT Math Score + (High School GPA x 500)**

Minimum admission standards for traditional freshmen

- Research universities (UGA, Ga. Tech, Ga. State) 17 units and a FI of 2500. (Must include a minimum of 430 verbal and 400 math SAT scores *or* ACT English 17 and ACT Math 17)
- Regional universities (Georgia Southern, Valdosta State) 17 units and a FI of 2040. (Must include a minimum of 430 verbal and 400 math SAT scores *or* ACT English 17 and ACT Math 17)
- State Universities (Kennesaw, Southern Polytechnic and Clayton State) 17 units and a FI of 1940. (Must include a minimum of 330 verbal and 310 math SAT scores *or* ACT English 17 and ACT Math 17)
- State colleges (Dalton State, Macon State)

17 units and a FI of 1830. (Must include a minimum of 330 verbal and 310 math SAT scores *or* ACT English 17 and ACT Math 17.)

- Two-year colleges (Abraham Baldwin Agricultural, Georgia Perimeter)

17 units and a FI of 1830. (Must include a minimum of 330 verbal and 310 math SAT scores.) Students should check with the Admissions Office of the school(s) of their choice to be sure they are aware of any particular requirements the university or college may have.

## HOPE Scholarship Eligibility

Current information about HOPE scholarship eligibility can be found at [www.gacollege411.org](http://www.gacollege411.org).

# NORTHVIEW HIGH SCHOOL COURSE OFFERINGS 2010 – 2011

**When using this catalogue, please remember the following:**

- Computer # indicates the computer number of the course.
- Term indicates the length of the course. Courses with a term of S meet for one semester; those designated with Y meet for the entire year.
- Prerequisite indicates certain courses that must be completed prior to the start of the course, that the course is restricted to certain grade levels, and/or that the student must make application to register for the course.

**Prerequisite grade requirements indicated are unweighted grades.**

- Advanced Placement (AP) is a program of college-level courses which gives high school students the opportunity to receive advanced placement and/or credit in college through successful completion of an exit examination.

**An “AP Commitment Form” is required for all AP classes.**

N/C indicates participation only; no credit is granted.

Computer #	Language Arts	Term	Credit	Prerequisite
23.0610000	9 <sup>th</sup> Grade Lit/Comp	Y	1.0	None
23.0610040	9 <sup>th</sup> Grade Lit/Comp Honors	Y	1.0	85+ honors or 95+ regular 8 <sup>th</sup> grade Language Arts; recommendation from Grade 8 Language Arts teacher; Level 3 score on CRCT Reading and Language Arts (if applicable)
23.2610040	Gifted 9 <sup>th</sup> Grade Lit/Comp Honors	Y	1.0	85+ honors or 95+ regular 8 <sup>th</sup> grade Language Arts; recommendation from Grade 8 Language Arts teacher; Level 3 score on CRCT Reading and Language Arts (if applicable); TAG Program; application/selection as content area for gifted participation
23.0620000	10 <sup>th</sup> Grade Lit/Comp	Y	1.0	9 <sup>th</sup> Grade Lit/Comp
23.0620040	10 <sup>th</sup> Grade Lit/Comp Honors	Y	1.0	85+ honors; 95+ regular 9 <sup>th</sup> Grade Lit/Comp
23.0510000	American Lit/Comp	Y	1.0	10 <sup>th</sup> Grade Lit/Comp
23.0510040	American Lit/Comp Honors	Y	1.0	85+ honors or 95+ regular in 10 <sup>th</sup> Grade Lit/Comp
23.0530010	AP Language/American Lit/Comp	Y	1.0	AP Commitment Form/85+ H or 95+ 10 <sup>th</sup> Grade Lit/Comp
23.0630001	World Lit/Comp required on-level	S	0.5	American Lit/Comp
23.0660001	Contemporary Lit/Comp	S	0.5	Selective; co-requisite w/ World Lit/Comp
23.0630400	College English	Y	1.2	Acceptance to Georgia Perimeter College
23.0460400	College Public Speaking <b>Spring only</b>	S	0.6	Acceptance to Georgia Perimeter College
23.0650010	AP English Literature & Composition	Y	1.0	AP Commitment Form; 85+ AP Lang or 90+ Honors or 95+ regular American Literature

23.0320000	Journalism/Newspaper I	Y	1.0	Application; 85+ cumulative average; 85+ Language Arts
23.0330000	Journalism/Newspaper II	Y	1.0	Newspaper I; advisor permission
23.0350000	Journalism/Newspaper III	Y	1.0	Newspaper II; advisor permission
23.0320007	Journalism/Yearbook I	Y	1.0	Application; 85+ cumulative avg./85+ LA
23.0330007	Journalism/Yearbook II	Y	1.0	Yearbook I; advisor permission
23.0350007	Journalism/Yearbook III	Y	1.0	Yearbook II; advisor permission
23.0320008	Journalism/Literary Magazine I	Y	1.0	Application; 85+ cumulative average
23.0330008	Journalism/Literary Magazine II	Y	1.0	Literary Magazine I; advisor perm./85+ LA
23.0350008	Journalism/Literary Magazine III	Y	1.0	Literary Magazine II; advisor permission
23.0460000	Speech/Forensics I	Y	1.0	None
23.0470000	Speech/Forensics II	Y	1.0	Speech; Forensics I
35.0660001	SAT Prep during regular school day	S	0.5	Junior/Senior; elective; completed or enrolled in Integrated Algebra II or higher
35.0660002	SAT Prep zero period	S	0.5	Junior/Senior; elective; completed or enrolled in integrated Algebra II or higher
<b>Computer #</b>	<b>Mathematics</b>	<b>Term</b>	<b>Credit</b>	<b>Prerequisite</b>
27.0810000	Integrated Advanced Algebra (IAA)	Y	1.0	Passed Math 8
27.0810020	Integrated Advanced Algebra Support	Y	1.0	Passed Math 8, level 1 on CRCT, take with Integrated Advanced Algebra
27.0910040	Accelerated Integrated Advanced Algebra Honors (AIAA)	Y	1.0	Passed Math 8 Adv, level 3 on CRCT; Passed Math 8 with 90+, level 3 on CRCT
27.0820000	Integrated Geometry (IG)	Y	1.0	Passed Integrated Advanced Algebra
27.0450000	Integrated Geometry Support	Y	1.0	Passed Integrated Advanced Algebra with 70 - 74, took Integrated Advanced Algebra Support, take with Integrated Geometry
27.0920040	Accelerated Integrated Geometry Honors (AIG)	Y	1.0	Passed Accelerated Integrated Advanced Algebra Honors
27.2920040	Gifted Accelerated Integrated Geometry Honors	Y	1.0	TAG Program; application/selection as content area for gifted participation
27.0830000	Integrated Algebra II	Y	1.0	Passed Integrated Geometry
<b>Subject to approval by the State</b>	Integrated Algebra II Support	Y	1.0	Passed Integrated Geometry with 70 - 74, took Integrated Advanced Algebra or Integrated Geometry Support, take with Integrated Algebra II
27.0930040	Accelerated Integrated PreCalculus Honors	Y	1.0	Passed Accelerated Integrated Geometry Honors
27.0640000	Algebra II	Y	1.0	Passed Algebra I and Geometry
27.0661000	Algebra III	Y	1.0	Passed Algebra II
27.0650000	Advanced Algebra/Trigonometry	Y	1.0	83+ Algebra II
27.0710000	Calculus	Y	1.0	83+ Advanced Algebra/Trig or passed PreCalculus Honors
27.0690001	Discrete Math	S	0.5	Passed Algebra II as Junior , <b>Seniors Only course</b>
27.0510001	Statistics	S	0.5	Discrete Math, <b>Seniors Only course</b>
27.0720010	AP Calculus – AB	Y	1.0	AP Commitment Contract; 83+ Honors Pre-Calculus or 98+ Advanced Algebra/Trigonometry

27.0730010	AP Calculus – BC	Y	1.0	AP Commitment Contract; 93+ PreCalculus Honors
27.0740010	AP Statistics	Y	1.0	Passed Advanced Algebra/Trig or 83+ Accelerated Integrated Geometry Honors; AP Commitment Contract
27.0750405	<b>College Calculus 2*</b>	S	0.8	AP Calculus BC distance learning with GA Tech; <b>acceptance to GA Tech</b>
27.0750406	<b>College Calculus 3*</b>	S	0.8	College Calculus 2 distance learning with GA Tech
<b>*co-requisites; students must register for both courses</b>				
27.0610600	<b>Algebra II*</b>	S	1.0	Seniors only; double period block
27.0690000	<b>Discrete Math/Statistics*</b>	S	1.0	Seniors only; double period block
<b>*co-requisites; students must register for both courses</b>				
35.0660001	SAT Prep during regular school day	S	0.5	Juniors and seniors; elective; completed or enrolled in Algebra II
35.0660002	SAT Prep during zero period	S	0.5	Juniors and seniors; elective; completed or enrolled in Algebra II
<b>Computer #</b>	<b>Science</b>	<b>Term</b>	<b>Credit</b>	<b>Prerequisite</b>
26.0120000	Biology	Y	1.0	None
26.0120040	Biology Honors	Y	1.0	85+ Advanced Science or 95+ in on- level Science <b>and</b> 85+ in Math 8A or 95+ in Math 8 or enrolled in higher level of math
26.2120040	Gifted Biology Honors	Y	1.0	Biology Honors prerequisites <b>and</b> enrolled in TAG Program; application/selection as content area for gifted participation
40.0110000	Physical Science	Y	1.0	Completed Biology <b>and</b> $\leq$ 80 IAA
40.0110040	Physical Science Honors	Y	1.0	Completed Biology <b>and</b> $>$ 80 or $<$ 85 IAA
40.0510000	Chemistry	Y	1.0	85+ Biology or $<$ 80 Biology H or 85+ Physical Science <b>and</b> 85+ IAA (or enrolled in higher level of math)
40.0510040	Chemistry Honors	Y	1.0	80+ in Bio H or 95+ Bio <b>and</b> 90+ IAA (or enrolled in higher level of math)
40.0810000	Physics	Y	1.0	80+ Chemistry, completed Chemistry H; concurrent enrollment with Integrated Algebra II or higher
26.0611000	Environmental Science	Y	1.0	Completed Biology & Physical Sci or Biology & Physics or $<$ 80 chemistry
26.0730000	Human Anatomy/Physiology	Y	1.0	80+ in Biology and Chemistry; Enrolled in/Completed Physics
26.0730040	Human Anatomy/Physiology Honors	Y	1.0	85+ in Biology and Chemistry; Enrolled in/Completed Physics
40.0210000	Astronomy	Y	1.0	Completed Bio and Physical Science or Chemistry & Physics; completed Integrated Geometry
40.0520041	Organic Chemistry Honors Fall only	S	0.5	Completed Chemistry H or 80+ Chemistry; Enrolled in/Completed Physics
40.0520042	Biochemistry Honors Spring only	S	0.5	Completed Chemistry H or 80+ Chemistry; Enrolled in/Completed Physics

40.0640000	Earth Systems	Y	1.0	Completed Biology & Physical Sci or Biology & Physics or <80 chemistry
26.0140010	AP Biology	Y	1.0	85+ Bio H/Chemistry H or 95+ Bio/Chemistry; Enrolled in/Completed Physics; complete AP Commitment Form
26.0620010	AP Environmental Science	Y	1.0	85+ in Bio & Chemistry; Completed Phys Science or Enrolled in/Completed Physics; AP Commitment Form
40.01100004	AP Chemistry	Y	1.0	85+ Chemistry H or 95+ Chemistry and 90+ Integrated Geometry; Enrolled in/Completed Physics; AP Commitment Form
40.0830010	AP Physics B	Y	1.0	85+ in Chemistry H or 95+ Chemistry; 90+ Integrated Geometry; 85+ Physics; AP Commitment Form
40.2842011	AP Physics C - Mechanics	S	0.5	85+ AP Physics B or 95+ Physics, enrolled in AP Calculus; AP Commitment Form
40.2842012	AP Physics C – Electricity & Magnetism	S	0.5	Completion of Physics C - Mechanics; AP Commitment Form
<b>Computer #</b>	<b>Social Studies</b>	<b>Term</b>	<b>Credit</b>	<b>Prerequisite</b>
45.0570005	American Government/Civics	S	0.5	None
45.0830000	World History	Y	1.0	Sophomores/Juniors/Seniors only
45.0811010	AP World History	Y	1.0	AP Commitment Form; 90+ in American Government/Civics & 90+ in Honors Lang. Arts; Sophomore
45.0810000	US History	Y	1.0	Juniors/Seniors only
45.0820010	AP US History	Y	1.0	AP Commitment Form; 85+ in Honors Language Arts & World History
45.0840010	AP European History	Y	1.0	AP Commitment Form; 85+ in Honors Language Arts & World History
45.0610001	Economics	S	0.5	Seniors only
45.0610409	College Macroeconomics <b>Fall Semester only</b>	S	0.6	Acceptance to Georgia Perimeter College
45.0620011	AP Macroeconomics	S	0.5	AP Commitment Form; 85+ in previous Social Studies course
45.0630011	AP Microeconomics	S	0.5	AP Commitment Form; 85+ in previous Social Studies course
45.0160010	AP Psychology	Y	1.0	AP Commitment Form; 85+ in previous Social Studies; Juniors and Seniors only
45.0770010	AP Human Geography	Y	1.0	AP Commitment Form; 85 minimum average; Juniors & Seniors only
45.0520011	AP Government/Politics U.S.	S	0.5	AP Commitment Form; Juniors and Seniors; Freshmen - 85+ H or 95+ regular 8 <sup>th</sup> Grade Lang Arts; TAG Program & selection as content area <b>-or-</b> 85+ H or 95+ regular 8 <sup>th</sup> Grade Lang Arts; 90+ in 8 <sup>th</sup> Grade Social Studies; Social Studies & Lang Arts Teacher Recommendations

45.0530011	AP Government/Politics Comparative	S	0.5	AP Commitment Form; 85+ in previous Social Studies course; Juniors and Seniors only
45.0310003	Sociology	S	0.5	Juniors and seniors elective
<b>Computer #</b>	<b>World Languages</b>	<b>Term</b>	<b>Credit</b>	<b>Prerequisite</b>
60.0110000	French I	Y	1.0	None
60.0120000	French II	Y	1.0	French I
60.0120040	French II Honors	Y	1.0	92+ French I
60.0130000	French III	Y	1.0	80+ French II
60.0130040	French III Honors	Y	1.0	95+ French II, 88+ French II H
60.0140000	French IV	Y	1.0	80+ French III
60.0140040	French IV Honors	Y	1.0	88+ French III H
60.0150040	French V Honors	Y	1.0	French IV
60.0170010	AP French Language	Y	1.0	88+ French IV H; Completion of AP Commitment Contract
61.0110000	German I	Y	1.0	None
61.0120000	German II	Y	1.0	German I
61.0130040	German III Honors	Y	1.0	German II
61.0150040	German IV Honors	Y	1.0	German III Honors
61.0170010	AP German Language	Y	1.0	85+ German III Honors; AP Commitment Contract
61.0410000	Latin I	Y	1.0	None
61.0420000	Latin II	Y	1.0	Latin I
61.0420040	Latin II Honors	Y	1.0	90+ Latin I
61.0430040	Latin Roman History Honors	Y	1.0	Latin II
61.0440040	Latin Roman Myths Honors	Y	1.0	Latin II
61.0470010	AP Latin Vergil	Y	1.0	85+ Roman History or Roman Myths; AP Commitment Contract
60.0710000	Spanish I	Y	1.0	None
60.0720000	Spanish II	Y	1.0	Spanish I
60.0720040	Spanish II Honors	Y	1.0	92+ Spanish I
60.0730000	Spanish III	Y	1.0	80+ Spanish II
60.0730040	Spanish III Honors	Y	1.0	95+ Spanish II or 88+ Spanish II H
60.0740000	Spanish IV	Y	1.0	80+ Spanish III
60.0740040	Spanish IV Honors	Y	1.0	88+ Spanish III H
60.0750040	Spanish V Honors	Y	1.0	Spanish IV
60.0770010	AP Spanish Language	Y	1.0	88+ Spanish IV Honors; Completion of AP Commitment Contract
62.0110000	Chinese I	Y	1.0	None
62.0120000	Chinese II	Y	1.0	Chinese I
62.0120040	Chinese II H	Y	1.0	92+ Chinese I
62.0130000	Chinese III	Y	1.0	Chinese II
62.0130040	Chinese III H	Y	1.0	95+ Chinese II, 85+ Chinese II H
62.0140040	Chinese IV H	Y	1.0	Chinese III H
62.0196010	AP Chinese Language and Culture	Y	1.0	Completion of AP Commitment Contract and placement test
<b>Computer #</b>	<b>Broadcast Video Production</b>	<b>Term</b>	<b>Credit</b>	<b>Prerequisite</b>
10.4111000	Broadcast Video Production 1	Y	1.0	Request for registration
10.4121000	Broadcast Video Production 2	Y	1.0	Broadcast Video Production 1
10.4131000	Broadcast Video Production 3	Y	1.0	Broadcast Video Production 2
10.4141000	Broadcast Video Production 4	Y	1.0	Broadcast Video Production 3
<b>Computer #</b>	<b>Business</b>	<b>Term</b>	<b>Credit</b>	<b>Prerequisite</b>
07.4110000	Principles of Accounting I	Y	1.0	Sophomores, juniors, & seniors only

07.4120000	Principles of Accounting II	Y	1.0	Principles of Accounting I
07.4211000	Banking/Investing	Y	1.0	Sophomores, juniors, & seniors only
06.4150000	Legal Environment of Business	Y	1.0	Sophomores, juniors, & seniors only
06.4160000	Business Essentials	Y	1.0	None
06.4170000	Entrepreneurial Ventures	Y	1.0	Sophomores, juniors, & seniors only
07.4260000	Financial Literacy	Y	1.0	Sophomores, juniors, & seniors only
06.4143000	International Business and Marketing	Y	1.0	Juniors and seniors only
07.4621000	Business Procedures (CBE)	Y	1.0	Application; Juniors and seniors only
07.0910000	Business Internship 1A <b>6<sup>th</sup> period</b>	Y	1.0	Application; Juniors and seniors only
07.0920000	Business Internship 1B <b>5<sup>th</sup> period</b>	Y	1.0	Application; Juniors and seniors; Business Internship 1A
<b>Computer #</b>	<b>Computer Science</b>	<b>Term</b>	<b>Credit</b>	<b>Prerequisite</b>
07.4411000	Computer Applications I	Y	1.0	None
07.4831000	Business Communication and Presentation (Multimedia)	Y	1.0	Sophomores, juniors, & seniors only
11.4130000	Computing in the Modern World	Y	1.0	None
11.4180000	Beginning Programming	Y	1.0	Sophomores, juniors, & seniors only
11.4310000	Fundamentals of Web Design	Y	1.0	Sophomores, juniors, & seniors only
11.4320000	Advanced Web Design	Y	1.0	Application; School Web Site, Juniors and seniors only
11.4160010	AP Computer Science A	Y	1.0	85+ Accelerated Integrated Geometry Honors, 90+ Integrated Geometry; AP Commitment Contract; Math Teacher recommendation; Sophomores, juniors, and seniors only; Beginning Programming preferred not required for course
<b>Computer #</b>	<b>Marketing Sales and Service/Fashion</b>	<b>Term</b>	<b>Credit</b>	<b>Prerequisite</b>
06.4143000	International Business and Marketing	Y	1.0	Juniors and seniors only
08.4740000	Marketing Principles	Y	1.0	None
<b>Computer #</b>	<b>Engineering</b>	<b>Term</b>	<b>Credit</b>	<b>Prerequisite</b>
21.4250000	Foundations of Engineering & Technology	Y	1.0	None
21.4710000	Engineering Concepts	Y	1.0	Foundations of Engineering & Technology
21.4720000	Engineering Applications	Y	1.0	Engineering Concepts
<b>Computer #</b>	<b>Architectural Engineering Drawing &amp; Design</b>	<b>Term</b>	<b>Credit</b>	<b>Prerequisite</b>
48.4410000	Introduction to Engineering Drawing & Design	Y	1.0	None
48.4450000	Architectural Drawing & Design I	Y	1.0	Intro to Engineering Drawing & Design
48.4460000	Architectural Drawing & Design II	Y	1.0	Architectural Drawing & Design I
<b>Computer #</b>	<b>Health/Physical Education</b>	<b>Term</b>	<b>Credit</b>	<b>Prerequisite</b>
17.0110001	General Health	S	0.5	None
36.0510001	Personal Fitness	S	0.5	Sophomores/juniors/seniors only
36.0510002	Advanced Personal Fitness	S	0.5	Personal Fitness
36.0110001	General PE 1	S	0.5	None
36.0120001	General PE 2	S	0.5	None
36.0130001	General PE 3	S	0.5	None

36.0220001	Lifetime Sports	S	0.5	None
36.0250001	Outdoor Education	S	0.5	Juniors/seniors only
36.0270001	Recreational Games	S	0.5	None
36.0540001	Weight Training I	S	0.5	None
36.0540002	Weight Training II	S	0.5	Weight Training I
36.0540003	Weight Training III	S	0.5	Weight Training II
<b>Computer #</b>	<b>Visual Art</b>	<b>Term</b>	<b>Credit</b>	<b>Prerequisite</b>
50.4211001	Intro to Art	S	0.5	None
50.4411001	Ceramics 1	S	0.5	Intro to Art
50.4411002	Ceramics 2	S	0.5	Ceramics 1
50.4412001	Ceramics 3	S	0.5	Ceramics 2
50.4412002	Ceramics 4	S	0.5	Ceramics 3
50.4611001	Sculpture 1	S	0.5	Intro to Art
50.4611002	Sculpture 2	S	0.5	Sculpture 1
50.4612001	Sculpture 3	S	0.5	Sculpture 2
50.4612002	Sculpture 4	S	0.5	Sculpture 3
50.4313001	Drawing & Painting 1	S	0.5	Intro to Art
50.4313002	Drawing & Painting 2	S	0.5	Drawing & Painting 1
50.4322001	Drawing & Painting 3	S	0.5	Drawing & Painting 2
50.4322002	Drawing & Painting 4	S	0.5	Drawing & Painting 3
50.4511001	Printmaking	S	0.5	Intro to Art
50.4431001	Jewelry Design 1	S	0.5	Intro to Art
50.4431002	Jewelry Design 2	S	0.5	Jewelry Design 1, 10-12 grade only
50.4432001	Jewelry Design 3	S	0.5	Jewelry Design 2, 10-12 grade only
50.4711001	Photo Design 1	S	0.5	Intro to Art
50.4711002	Photo Design 2	S	0.5	Photo Design 1
50.4712001	Photo Design 3	S	0.5	Photo Design 2
50.4712002	Photo Design 4	S	0.5	Photo Design 3
50.4721001	Commercial Design 1	S	0.5	Intro to Art
50.4721002	Commercial Design 2	S	0.5	Commercial Design 1
50.4724001	Computer Art 1	S	0.5	Intro to Art
50.4724002	Computer Art 2	S	0.5	Computer Art 1
50.4811010	AP Drawing Portfolio	Y	1.0	Drawing & Painting 2, Portfolio review and AP Commitment Form
50.4813010	AP 2-D Design Portfolio	Y	1.0	Drawing & Painting 1, Com Design 1 or Computer Art 1, Portfolio Review or Photo Design 2 and Portfolio Review and AP Commitment Form
50.4814010	AP 3-D Design Portfolio	Y	1.0	Sculpture 1, Ceramics 1 or Ceramics 2 or Sculpture 2 + Portfolio Review, AP Commitment Form
<b>Computer #</b>	<b>Music</b>	<b>Term</b>	<b>Credit</b>	<b>Prerequisite</b>
53.0230010	AP Music Theory	Y	1.0	AP Commitment Form
53.0841001	Guitar 1A	S	0.5	None
53.0841002	Guitar 1B	S	0.5	Guitar 1A
53.0941001	Piano Lab 1A	S	0.5	None
53.0941002	Piano Lab 1B	S	0.5	Piano Lab 1A
53.0581000	Orchestra I, II, III, IV – String Orchestra	Y	1.0	Audition
53.0582000	Orchestra I, II, III, IV – Concert Orch.	Y	1.0	Audition
53.0583000	Orchestra I,II,III, IV - Philharmonia Orch.	Y	1.0	Audition
53.0584000	Orchestra I, II, III, IV - Chamber Orch	Y	1.0	Audition

54.0231000	Advanced Mixed Chorus	Y	1.0	Audition
54.0261000	Advanced Women's Chorus	Y	1.0	Audition
54.0223000	Advanced Unchanged Voices Select Women's Choir	Y	1.0	Audition
53.0751000	Chamber Singers	Y	1.0	Audition
53.0381000	Band I, II, III, IV - Chamber Band	Y	1.0	By Audition
53.0382000	Band I, II, III, IV – Concert Band	Y	1.0	By Audition
53.0383000	Band I, II, III, IV - Symphonic Band	Y	1.0	By Audition
53.0384000	Band I, II, III, IV – Wind Ensemble	Y	1.0	By Audition
<b>Computer #</b>	<b>Drama</b>	<b>Term</b>	<b>Credit</b>	<b>Prerequisite</b>
52.0610001	Acting 1A	S	0.5	None
52.0610002	Acting 1B	S	0.5	Acting 1A
52.0620001	Acting 2A	S	0.5	Audition
52.0620002	Acting 2B	S	0.5	Audition
52.0410001	Technical Theater 1	S	0.5	None
52.0420001	Technical Theater 2	S	0.5	Technical Theater I
52.0430000	Technical Theater 3	Y	1.0	Application/juniors and seniors only
52.0510001	Adv Drama 1A	S	0.5	Acting 1B
52.0510002	Adv Drama 1B	S	0.5	Acting 1B
52.0520001	Adv Drama 2A	S	0.5	Audition
52.0520002	Adv Drama 2B	S	0.5	Audition
<b>Computer #</b>	<b>TAG</b>	<b>Term</b>	<b>Credit</b>	<b>Prerequisite</b>
23.2610052	Gifted 9 <sup>th</sup> Grade Lit/Com	Y	1.0	TAG Program; application/selection as content area for gifted participation
26.2120040	Gifted Biology Honors	Y	1.0	TAG Program; application/selection as content area for gifted participation
27.2920040	Gifted Accelerated Integrated Geometry Honors	Y	1.0	TAG Program; application/selection as content area for gifted participation
45.2570005	Gifted American Government/Civics	S	0.5	TAG Program; application/selection as content area for gifted participation
70.2330008	Gifted Participation 9	Y	n/c	Application
70.2330009	Gifted Participation 10	Y	n/c	Application
70.2340008	Gifted Participation 11	Y	n/c	Application
70.2340009	Gifted Participation 12	Y	n/c	Application
70.2210001	Gifted Career Internship 1A	S	0.5	Application, Juniors/Seniors only
70.2210002	Gifted Career Internship 1B	S	0.5	Application, Juniors/Seniors only
70.2220001	Gifted Career Internship 2A	S	0.5	Application, Juniors/Seniors only
70.2220002	Gifted Career Internship 2B	S	0.5	Application, Juniors/Seniors only
70.2320001	Gifted Directed Study 1A	S	0.5	Application
70.2320002	Gifted Directed Study 1B	S	0.5	Application
70.2330001	Gifted Directed Study 2A	S	0.5	Application
70.2330002	Gifted Directed Study 2B	S	0.5	Application
70.2340001	Gifted Directed Study 3A	S	0.5	Application
70.2340002	Gifted Directed Study 3B	S	0.5	Application
<b>Computer #</b>	<b>ESOL</b>	<b>Term</b>	<b>Credit</b>	<b>Prerequisite</b>
23.0910020	ESOL 9 <sup>th</sup> Grade Lit/Comp	Y	1.0	Enrollment in ESOL; ACCESS Score 2-5
23.0920009	ESOL 10 <sup>th</sup> Grade Lit/Comp	Y	1.0	ESOL; ACCESS Score 2-5
23.0510020	Sheltered American Lit/Comp	Y	1.0	ESOL; ACCESS Score 2-5

23.0940009	ESOL 12 <sup>th</sup> Grade Lit/Comp	Y	1.0	ESOL; ACCESS Score 2-5
55.0210000	Communication Skills I	Y	1.0	ESOL; ACCESS Score 1
55.0240000	Oral Communication in Content Areas	Y	1.0	ESOL; ACCESS Score 1
55.0230000	Reading and Listening in Content Area	Y	1.0	ESOL; ACCESS Score 1
55.0220000	Communication Skills II	Y	1.0	ESOL; ACCESS Score 2-3
<b>Computer #</b>	<b>Study Skills</b>	<b>Term</b>	<b>Credit</b>	<b>Prerequisite</b>
35.0610001	Freshman Focus	S	0.5	Open to all in Grade 9 and 10; required if failed 2 or more classes previous semester
35.0510001	Academic and Life Skills	S	0.5	Open to all in Grade 11 and 12; required if failed 2 or more classes previous semester
<b>Computer #</b>	<b>IRR</b>	<b>Term</b>	<b>Credit</b>	<b>Prerequisite</b>
<b>Please Note: TT = Team Taught SC = Self Contained MC = Modified Curriculum</b>				
17.8110071	General Health – team taught	S	0.5	IEP placement
23.8610070	Freshman Language Arts – TT	Y	1.0	IEP placement
23.8610080	Freshman Language Arts – SC/MC	Y	1.0	IEP placement
23.8620070	Sophomore Language Arts – TT	Y	1.0	IEP placement
23.8620080	Sophomore Language Arts – SC/MC	Y	1.0	IEP placement
23.8510070	Junior Language Arts – team taught	Y	1.0	IEP placement
23.8510080	Junior Language Arts – SC/MC	Y	1.0	IEP placement
23.8630071	World Lit & Comp – team taught	S	0.5	IEP placement
23.0630081	World Lit & Comp – SC/MC	Y	1.0	IEP placement
23.8660071	Contemporary Lit – team taught	S	0.5	IEP placement
23.8660081	Contemporary Lit – SC/MC	S	0.5	IEP placement
26.8120070	Biology – team taught	Y	1.0	IEP placement
26.8120080	Biology - SC/MC	Y	1.0	IEP placement
40.8110070	Physical Science - team taught	Y	1.0	IEP placement
40.8110080	Physical Science – SC/MC	Y	1.0	IEP placement
40.8510070	Chemistry – team taught	Y	1.0	IEP placement
26.8640070	Earth Systems – team taught	Y	1.0	IEP placement
26.8640080	Earth Systems – SC/MC	Y	1.0	IEP placement
26.8610070	Environmental Science – team taught	Y	1.0	IEP placement
40.8811070	Physics – team taught	Y	1.0	IEP placement
27.8810070	Integrated Advanced Algebra – TT	Y	1.0	IEP placement
27.8810080	Integrated Advanced Algebra – SC/MC	Y	1.0	IEP placement
27.8440070	Integrated Advanced Algebra Support – team taught	Y	1.0	IEP placement
27.8440080	Integrated Advanced Algebra Support – SC/MC	Y	1.0	IEP placement
27.8820070	Integrated Geometry – team taught	Y	1.0	IEP placement
27.8820080	Integrated Geometry – SC/MC	Y	1.0	IEP placement
27.8450070	Integrated Geometry Support – TT	Y	1.0	IEP placement
27.8450080	Integrated Geometry Support – SC/MC	Y	1.0	IEP placement
27.0830070	Integrated Algebra II – TT	Y	1.0	IEP placement
State app req	Integrated Algebra II Support - TT	Y	1.0	IEP placement
State app req	Integrated Algebra II Support – SC/MC	Y	1.0	IEP placement
State app req	Integrated Algebra II Support - TT	Y	1.0	IEP placement
27.8530080	Math Money Management – SC	Y	1.0	IEP placement
27.8540080	Concepts of Probability & Stat – SC	Y	1.0	IEP placement
27.8640070	Algebra II – team taught	Y	1.0	IEP placement

27.8661070	Algebra III – team taught	Y	1.0	IEP placement
27.8650070	Advanced Algebra/Trig – team taught	Y	1.0	IEP placement
27.8690070	Discrete Math/Statistics – TT	Y	1.0	IEP placement
27.8710070	Calculus – team taught	Y	1.0	IEP placement
45.8511071	American Govt/Civics – team taught	S	0.5	IEP placement
45.8511081	American Government/Civics – SC/MC	S	0.5	IEP placement
45.8830070	World History – team taught	Y	1.0	IEP placement
45.8830080	World History – SC/MC	Y	1.0	IEP placement
45.8810070	US History – team taught	Y	1.0	IEP placement
45.8810080	US History – SC/MC	Y	1.0	IEP placement
45.8610071	Economics – team taught	Y	1.0	IEP placement
45.8610081	Economics – SC/MC	Y	1.0	IEP placement
60.8710070	Spanish I – team taught	Y	1.0	IEP placement
60.8720070	Spanish II – team taught	Y	1.0	IEP placement
60.8730070	Spanish III – team taught	Y	1.0	IEP placement
60.8740070	Spanish IV – team taught	Y	1.0	IEP placement
60.8110070	French I – team taught	Y	1.0	IEP placement
60.8120070	French II – team taught	Y	1.0	IEP placement
32.8110000	CTI Work Experience	Y	1.0	IEP placement
35.8510080	Social Skills 1	Y	1.0	IEP placement
35.8520080	Social Skills 2	Y	1.0	IEP placement
35.8530080	Occupational Awareness	Y	1.0	IEP placement
35.8540080	Occupational Planning	Y	1.0	IEP placement
35.8610080	Study Skills 1	Y	1.0	IEP placement
35.8620080	Study Skills 2	Y	1.0	IEP placement
35.8630080	Study Skills 3	Y	1.0	IEP placement
35.8640080	Study Skills 4	Y	1.0	IEP placement
47.8910070	Career Co-op Class	Y	1.0	IEP placement
47.8980070	Co-op Work IA	Y	1.0	IEP placement
47.8980079	Co-op Work IB	Y	1.0	IEP placement
<b>Computer #</b>	<b>Advanced Placement Courses</b>	<b>Term</b>	<b>Credit</b>	<b>Prerequisite</b>
23.0530010	AP Language/American Lit./Comp.	Y	1.0	AP Commitment Form/85+ H or 95+ 10 <sup>th</sup> Grade Lit/Comp
23.0650010	AP Literature & Composition	Y	1.0	AP Commitment Form; 85+ Honors or 85+ AP Language or 95+ regular American Literature
27.0720010	AP Calculus – AB	Y	1.0	AP Commitment Contract; 83+ Honors Pre-Calculus or 98+ Advanced Algebra/Trigonometry
27.0730010	AP Calculus – BC	Y	1.0	AP Commitment Contract; 93+ PreCalculus Honors
27.0740010	AP Statistics	Y	1.0	Passed Advanced Algebra/Trig or 83+ Accelerated Integrated Geometry Honors; AP Commitment Contract
11.0160010	AP Computer Science A	Y	1.0	85+ Accelerated Integrated Geometry Honors, 90+ Integrated Geometry; AP Commitment Contract; Math Teacher recommendation; Sophomores, juniors, and seniors only; Beginning Programming preferred not required for course
26.0140010	AP Biology	Y	1.0	85+ Bio H/Chemistry H or 95+ Bio/Chemistry; Enrolled in/Completed Physics; complete AP Commitment Form

26.0620010	AP Environmental Science	Y	1.0	85+ in Bio & Chemistry; Completed Phys Science or Enrolled in or completed Physics; AP Commitment Form
40.0530010	AP Chemistry	Y	1.0	85+ Chemistry H or 95+ Chemistry and 90+ Integrated Geometry; Enrolled in/Completed Physics; AP Commitment Form
40.0830010	AP Physics B	Y	1.0	85+ in Chemistry H or 95+ Chemistry; 90+ Integrated Geometry; 85+ Physics; AP Commitment Form
40.2842011	AP Physics C - Mechanics	S	0.5	85+ AP Physics B or 95+ Physics, enrolled in AP Calculus; AP Commitment Form
40.2842012	AP Physics C – Electricity & Magnetism	S	0.5	Completion of Physics C -Mechanics; AP Commitment Form
45.0811010	AP World History	Y	1.0	AP Commitment Form; 90+ in American Government/Civics & 90+ in Honors Lang Arts; Sophomore
45.0820010	AP US History	Y	1.0	AP Commitment Form; 85+ in Honors Lang Arts & World History
45.0620011	AP Macroeconomics	S	0.5	AP Commitment Form; 85+ in previous Social Stud course
45.0630011	AP Microeconomics	S	0.5	AP Commitment Form; 85+ in previous Social Stud course
45.0840010	AP European History	Y	1.0	AP Commitment Form; 85+ in Honors Lang Arts & World History
45.0160010	AP Psychology	Y	1.0	AP Commitment Form; 85+ in previous Social Studies; juniors and seniors only
45.0770010	AP Human Geography	Y	1.0	AP Commitment Form; 85 minimum average; juniors & seniors only
45.0520011	AP Government/Politics U.S.	S	0.5	AP Commitment Form; Juniors and Seniors; Freshmen - 85+ H or 95+ regular 8 <sup>th</sup> Grade Lang Arts; TAG Program & selection as content area -or- 85+ H or 95+ regular 8th Grade Lang Arts; 90+ in 8th Grade Social Studies; Social Studies & Lang Arts Teacher Recommendations
45.0530011	AP Government/Politics Comparative	S	0.5	AP Commitment Form; 85+ in previous Social Studies course; Juniors and Seniors only
60.0170010	AP French Language	Y	1.0	88+ French IV H; AP Commitment Form
61.0170010	AP German Language	Y	1.0	85+ German III Honors; AP Commitment Form
61.0470010	AP Latin Vergil	Y	1.0	85+ Roman History or Roman Myths; AP Commitment Form
60.0770010	AP Spanish Language	Y	1.0	88+ Spanish IV Honors; AP Commitment Form
62.0196010	AP Chinese Language and Culture	Y	1.0	Completion of AP Commitment Form and placement test

50.4811010	AP Drawing Portfolio	Y	1.0	Drawing & Painting 2, Portfolio Review; AP Commitment Form
50.4813010	AP 2-D Design Portfolio	Y	1.0	Drawing & Painting 1, Com Design 1 or Computer Art 1, Portfolio Review OR Photo Design 2 and Portfolio Review; AP Commitment Form
50.4814010	AP 3-D Design Portfolio	Y	1.0	Sculpture 1, Ceramics 1 OR Ceramics 2 OR Sculpture 2 plus Portfolio Review, AP Commitment Form
53.0230010	AP Music Theory	Y	1.0	AP Commitment Form
<b>Computer #</b>	<b>Mentorship Experiences</b>	<b>Term</b>	<b>Credit</b>	<b>Prerequisite</b>
70.0110001	Mentorship	S	0.5	Seniors only; application
35.0410001	Peer Facilitation	S	0.5	Seniors only; application
07.7930000	Youth Apprenticeship Work Program	Y	1.0	Application; juniors/seniors only
13.0110000	Examining the Teaching Profession	Y	1.0	Juniors/Seniors; GPA, attendance, and discipline standards; Application; must provide transportation
<b>Computer #</b>	<b>Dual Enrollment (College Courses)</b>	<b>Term</b>	<b>Credit</b>	<b>Prerequisite</b>
23.0630400	College English	Y	1.2	Acceptance to Georgia Perimeter College
45.0610409	College Economics <b>Fall only</b>	S	0.6	Acceptance to Georgia Perimeter College
23.0460400	College Public Speaking/Speech <b>Spring only</b>	S	0.6	Acceptance to Georgia Perimeter College
27.0750405	<b>College Calculus 2 *</b>	S	0.8	AP Calculus BC; Acceptance to Georgia Tech
27.0750406	<b>College Calculus 3 *</b>	S	0.8	College Calculus 2
<b><i>*taught on campus though distance learning</i></b>				

## GHSGT AND EOCT REQUIREMENT

**Georgia High School Graduation Test (GHSGT)** consists of five sections: Writing, Math, Science, Social Studies, and English; students must pass all five sections. The Writing test is offered in September and the subject area tests in March of the student's junior year. ***In addition to earning all appropriate and required credits, students must have passed all five GHSGT sections to graduate and participate in the graduation ceremony. The only exception to the rule would be granted by the Georgia DOE via a variance or a waiver and are difficult to obtain due to a long checklist of requirements.***

**End of Course Tests (EOCT)** are state required tests for certain courses including Integrated Advanced Algebra, Integrated Advanced Geometry, US History, Economics, Ninth Grade Literature and Composition, American Literature and Composition, Biology, and Physical Science. The EOCT counts as the course final exam, which is 15% of the final grade for the semester in which the EOCT is taken.



# Course Descriptions

## ADVANCED PLACEMENT (AP)

The College Board Advanced Placement (AP) courses listed below will be offered if sufficient enrollment exists. Students enrolled in AP classes are expected to remain in the course for a **minimum of one semester**. **Most courses have required summer reading and/or summer assignments. Summer reading/assignments will be posted at [www.northviewhigh.com](http://www.northviewhigh.com) prior to the last week of school.**

### Advanced Placement Studio Art Courses

The three Advanced Placement Studio Art courses enable highly motivated students to do college-level work in studio art while still in high school. AP Studio Art is not based on a written examination: Instead, candidates submit a portfolio of work for evaluation in early May. Advanced Placement work does involve significantly more time and commitment than most high school courses. Therefore, the program is intended for students seriously committed to studying art. **Prerequisites vary by course.**

**Course Name:** Advanced Placement Drawing Portfolio

**Course Number:** 50.4811010

**Term:** Y

**Grade:** 11 – 12

**Prerequisites:** Drawing and Painting 2 and a portfolio review; AP Commitment Contract

**Description:** Drawn and Painted artworks only are accepted in this portfolio by the College Board.

**Course Name:** Advanced Placement 2-D Design Portfolio

**Course Number:** 50.4813010

**Term:** Y

**Grade:** 11 – 12

**Prerequisites:** Drawing and painting 1 and Graphic Design or Computer Art 1 plus portfolio review **OR** Photo design 2 plus portfolio review; AP Commitment Contract

**Description:** A combination of photography, computer art, drawing, and painting are accepted in this portfolio by the College Board.

**Course Name:** Advanced Placement 3-D Design Portfolio

**Course Number:** 50.4814010

**Term:** Y

**Grade:** 11 – 12

**Prerequisites:** Ceramics 2 and a portfolio review **OR** Ceramics 1 and Sculpture 1 plus a portfolio review **OR** Sculpture 2 and a portfolio review; AP Commitment Contract

**Description:** A combination of media including, ceramic, paper, wire, stone, wood, and mixed media are used to create the three dimensional artwork in this portfolio.

**Course Name:** Advanced Placement Music Theory

**Course Number:** 53.0230010

**Term:** Y

**Grade:** 11 – 12

**Prerequisites:** AP Commitment Contract, Juniors/Seniors only

**Description:** This course will develop a student's ability to recognize, understand and describe the basic materials and processes of music that are heard or presented in a score. The student will develop aural, sight-singing, written, compositional, and analytical skills. These will be developed through listening exercises, performance, written exercises, creative exercises and analytical exercises. The course will instill mastery of the rudiments and terminology of music.

**Course Name:** Advanced Placement Language/American Literature/Composition

**Course Number:** 23.0530010

**Term:** Y

**Grade:** 11

**Prerequisites:** AP Commitment Contract prior Honors Language Arts classes preferable; 85 honors or 95 regular in Sophomore Language Arts; Open to juniors.

**Description:** This course is a chronological and thematic study of significant works in American literature and genres of writing. Students must demonstrate mastery of written expression that includes analysis of authors' styles, including tone, diction, syntax, rhetorical patterns, and use of figurative language. The majority of works studied will be non-fiction. Students are required to complete summer assignments between their sophomore and junior year. The College Board administers a culminating assessment, including multiple-choice questions and free response composition that could result in earned college credits.

**Course Name:** Advanced Placement English Literature and Composition

**Course Number:** 23.0650010

**Term:** Y

**Grade:** 12

**Prerequisites:** AP Commitment Contract prior AP Language or Honors Language Arts classes preferable; 85 AP Lang or 90 honors or 95 regular in American Literature; Open to seniors.

**Description:** In this course, students engage in the careful analysis of literary works. Through such study they sharpen their awareness of language and their understanding of the writer's craft. Writing assignments focus on the critical analysis of literature and include expository and persuasive essays, as well as analytical research. Students intensively study works from various genres and periods of literature. Students are required to complete summer assignments between their junior and senior years. The College Board administers a culminating assessment in May, including multiple choice questions and free response composition that could result in earned college credits.

**Course Name:** Advanced Placement French Language

**Course Number:** 60.0170010

**Term:** Y

**Grade:** 12

**Prerequisites:** 88 or above in French IV Honors and AP Commitment Contract

**Description:** The French language course is intended to help advanced students develop a greater proficiency in speaking, listening, writing and reading. The AP examination measures proficiency in the language and evaluates the level of performance in the use of the language, both in understanding written and spoken French and in responding in correct and idiomatic French. Listening and reading are tested in the multiple-choice section; writing and speaking are tested in the free-response section. The portion of the examination devoted to each skill counts for one-fourth of the final grade. A solid background in the French language is recommended.

**Course Name:** Advanced Placement Latin Vergil

**Course Number:** 61.0470010

**Term:** Y

**Grade:** 11 – 12

**Prerequisites:** 85 or above Roman History or Roman Myths and AP Commitment Contract

**Description:** The basic objective of this course is progress in reading, understanding, and interpreting original Latin works. Students are expected to translate accurately the literature they are reading from Latin into English and to demonstrate a grasp of the grammatical structure and vocabulary used by the author. Also included in the course work is a study of the political, social and cultural background of the work being read. The examination devotes 40-55 minutes to multiple-choice questions on Latin sight-reading and 65- 80 minutes to brief essays on required reading per course.

**Course Name: Advanced Placement Spanish Language****Course Number:** 60.070010**Term:** Y**Grade:** 11 – 12**Prerequisites:** 88 or above in Spanish IV H and AP Commitment Contract

**Description:** The AP Spanish Language course covers the equivalent of a third-year college course in advanced Spanish writing and conversation. It encompasses aural/ oral skills, reading comprehension, grammar, and composition. Students taking such a course emphasize the use of Spanish for active communication. The course content might best reflect intellectual interests shared by the student and teacher the arts, history, current events, literature, culture, sports, etc.. Materials might include recordings, films, newspapers, and magazines. The course seeks to develop language skills that are useful in themselves and that can be applied to various activities and disciplines rather than to the mastery of any specific subject matter. Extensive training in the organizations and writing of compositions is an integral part of the AP Spanish Language course.

**Course Name: Advanced Placement German Language****Course Number:** 61.0170010**Term:** Y**Grade:** 11 – 12**Prerequisites:** 85 or above in German 3H and AP Commitment Contract

**Description:** The AP German course is an intensive course which prepares students for the College Board's AP exam, and is usually considered the equivalent of one year of college study. Students work on all aspects of the language to improve their comprehension skills as well as oral and written production. Specific topics of study are at the discretion of the teacher.

**Course Name: Advanced Placement Chinese Language and Culture****Course Number:** 60.0196010**Term:** Y**Grade:** 11 – 12**Prerequisites:** AP Commitment Contract and placement test

**Description:** The class will prepare students for the College Board examination in Chinese Language. It is based on Mandarin Chinese.

**Course Name: AP Calculus AB****Course Number:** 27.0720010**Term:** Y**Grade:** 10 - 12**Prerequisites:** AP Commitment Contract, 83+ Pre-Calculus Honors or 98+ Advanced Algebra/Trig

**Description:** This course follows the College Board syllabus for the AP exam and is a college level mathematics course. This course covers one semester of college calculus. Calculus is the mathematics of change and motion and the concepts are based on infinite process. AP Calculus examines problems in 4 ways: graphically, numerically, analytically, and in written expression. Topics include properties of functions and graphs, limits and continuity, differential calculus, and integral calculus. 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.

**Course Name: Advanced Placement Statistics****Course Number:** 27.0740010**Term:** Y**Grade:** 12**Prerequisites:** AP Commitment Contract, Passed Advanced Algebra/Trig or Accelerated Integrated Geometry Honors 83+

**Description:** This course follows the College Board syllabus for the AP exam and is a college level mathematics course. The purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: (1) Exploring Data: observing patterns and departures from patterns (2) Planning a Study: Deciding what and how to measure (3) Anticipating Patterns: Producing models using probability and simulation (4) Statistical Inference: Confirming models. Students who do well in this class have very good problems solving skills and very good writing skills. It is important to understand that students must be able to explain their answers using arguments, graphs, and statistical skills that they will learn in the course. All students enrolled in AP Statistics are required to take the AP Examination in May if they are passing this course at the time of the exam.

**Course Name: Advanced Placement Calculus BC****Course Number:** 27.0730010**Term:** Y**Grade:** 10 – 12**Prerequisites:** AP Commitment Contract, 93+ Pre-Calculus Honors

**Description:** This course follows the College Board syllabus for the AP exam and is a college level mathematics course. This course covers two semesters of college calculus. Calculus is the mathematics of change and motion and the concepts are based on infinite process. AP Calculus examines problems in 4 ways: graphically, numerically, analytically, and in written expression. Topics of AP Calculus AB are covered and additional topics covered in BC Calculus include vector functions, parametric equations, conversions, parametrically defined curves, tangent lines, sequences and series, integration techniques, and calculus of polar equations. All students enrolled in AP Calculus BC are required to take the AP Examination in May if they are passing this course prior to the AP Examinations.

**Course Name: Advanced Placement Computer Science A****Course Number:** 11.4160010**Term:** Y**Grade:** 10 – 12

**Prerequisites:** 85+ Accelerated Integrated Geometry Honors, 90+ Integrated Geometry; AP Commitment Contract; Math Teacher recommendation; Sophomores, juniors, and seniors only; Beginning Programming preferred not required for course

**Description:** This year long course is designed to be the equivalent of one semester-long college introductory course in programming. The course is geared toward preparing students to take the College Board's Advanced Placement Exam. Major emphasis is on programming using the language JAVA, on programming methodology, and problem solving. Students will learn to create interesting projects such as business and educational computer AP Registration Forms using JAVA. Software engineering, computer hardware systems, new computer technologies and the social implications of computing typical first-year college level computer science topics are integrated into this course. Students are trained on the multiple-choice and free-response questions that are on the AP Exam

**Course Name: AP Biology****Course Number:** 26.0140010**Term:** Y**Grade:** 11 - 12

**Prerequisites:** 85+ Biology H/Chemistry H or 95+ Biology/Chemistry; Enrolled in/Completed Physics; Complete AP Commitment Contract

**Description:** This course is designed to be the equivalent of a college introductory biology course usually taken by biology majors. The goal of this course is to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. Topics include molecules and cells, heredity and evolution, and organisms and populations. In addition, extensive laboratory work is required that demonstrates a student's mastery of laboratory science skills and knowledge. The AP examination devotes 90 minutes to multiple-choice questions and 90 minutes to four essays.

**Course Name: AP Environmental Science****Course Number:** 26.0620010**Term:** Y**Grade:** 11 - 12

**Prerequisites:** 85+ in Bio & Chemistry; Completed Phys Science or Enrolled in/Completed Physics; AP Commitment Contract

**Description:** This course provides students with an overview of ecosystems and how they work, the human population, major global problems, energy resources and pollution, sustaining biodiversity and ecological integrity. In addition, extensive laboratory work is required that demonstrates a student's mastery of laboratory science skills and knowledge.

**Course Name: AP Chemistry**

**Course Number:** 40.01100004

**Term:** Y

**Grade:** 11 - 12

**Prerequisites:** 85+ Chemistry H or 95+ Chemistry and 90+ Integrated Geometry; Enrolled in/Completed Physics; AP Commitment Contract

**Description:** This course provides students the opportunity to attain a depth of understanding of fundamentals and a reasonable competence to deal with chemical problems. The course also develops the students' abilities to think clearly and to express their ideas, orally and in writing, with clarity and logic. An extensive laboratory experience, equivalent to that of a college course, is provided for all Advanced Placement Chemistry students. The AP Chemistry Exam consists of two main parts. The first part of the exam constitutes 50% of the final grade and covers broad factual knowledge. The second part constitutes 50% of the final grade and requires the student to demonstrate reasoning abilities by the application of chemical principles to problem solving learned in the laboratory and in the classroom. The AP examination devotes 90 minutes to multiple-choice questions and 95 minutes to free response problems, short essays, and chemical reactions.

**Course Name: AP Physics B**

**Course Number:** 40.0830010

**Term:** Y

**Grade:** 11 - 12

**Prerequisites:** 85+ in Chemistry H or 95+ Chemistry; 90+ Integrated Geometry; 85+ Physics; AP Commitment Contract

**Description:** This course provides a systematic introduction to the main principles of physics and emphasizes the development of problem solving ability. In most colleges, this is a one-year terminal course including a laboratory component and is not the usual preparation for more advanced physics and engineering courses. However, the B course provides a foundation in physics for students in the life sciences, pre-medicine, and some applied sciences, as well as other fields not directly related to science. The Physics B exam covers topics in mechanics, electricity and magnetism, fluid mechanics and thermal physics, waves and optics, and atomic and nuclear physics.

**Course Name: AP Physics C - Mechanics**

**Course Number:** 40.2842011

**Term:** S

**Grade:** 12

**Prerequisites:** 85+ AP Physics B or 95+ Physics, enrolled in AP Calculus; AP Commitment Form

**Description:** This course is the first of two parts of the college sequence that serves as the foundation in physics for students majoring in the physical sciences or engineering. Methods of calculus are used wherever appropriate in formulating physical principles and in applying them to physical problems. The sequence is more intensive and analytic than that in the B course. Strong emphasis is placed on solving a variety of challenging problems. The Physics C exams correspond to the Physics C course sequence.

**Course Name: AP Physics C - Electricity & Magnetism**

**Course Number:** 40.2842012

**Term:** S

**Grade:** 12

**Prerequisites:** Completion of AP Physics C - Mechanics; AP Commitment Contract

**Description:** Electromagnetism, oscillations, gravitation, electrostatics and magnetostatics, electric current and circuits, capacitance and capacitors, sound, light, modern physics. Methods of calculus are used wherever appropriate in formulating physical principles and in applying them to physical problems. The sequence is more intensive and analytic than that in the B course. Strong emphasis is placed on solving a variety of challenging problems. The Physics C exams correspond to the Physics C course sequence.

**Course Name: Advanced Placement World History****Course Number:** 45.0811010**Term:** Y**Grade:** 10**Prerequisites:** Sophomore, AP Commitment Contract required, 90+ in Honors Language Arts and 90+ in American Government/Civics**Description:** While offered in the tenth grade, this is a college-level course and is taught with appropriate expectations. Students should have higher-level analytical skills and a strong commitment to maintaining the study time and self-discipline required of an AP course. This global approach to world history compares numerous societies, their cultures, and the ways they impact major historical periods. Extensive reading including a summer reading assignment prior to beginning the course, document analysis, and essay writing are important components of this course. Students take the three-hour College Board Exam in May. It consists of 70 multiple-choice questions, 2 free-response essays, and one document-based essay.**Course Name: Advanced Placement U.S. History****Course Number:** 45.0820010**Term:** Y**Grade:** 11**Prerequisites:** Junior, AP Commitment Contract required, 85+ in Honors Language Arts and World History**Description:** Using a college-level textbook, this course traces the history of the major issues involved in the founding and development of the United States. Students will do extensive reading, including a summer reading assignment prior to beginning the course. Analysis of documents, discussions, and essay writing are major components of the course. Students take the three-hour College Board Exam in May. It consists of multiple-choice questions and essays, one of which is a document-based essay.**Course Name: Advanced Placement Government/Politics U.S.****Course Number:** 45.0520011**Term:** Y**Grade:** 9, 11 - 12**Prerequisites:** AP Commitment Form; Juniors and Seniors; Freshmen - 85+ H or 95+ regular 8<sup>th</sup> Grade Lang Arts; TAG Program & selection as content area **-or-** 85+ H or 95+ regular 8th Grade Lang Arts; 90+ in 8th Grade Social Studies; Social Studies & Lang Arts Teacher Recommendations**Description:** This one-semester, introductory college-level course gives students an analytical perspective on government and politics in the United States. It includes both the study of general concepts used to interpret US government and politics and the analysis of specific examples. It requires familiarity with the various institutions, groups, beliefs, and ideas that constitute US government and politics. Students will prepare for taking the College Board Exam given in May consisting of multiple-choice and free-response essays. May be substituted for American Government/Civics credit**Course Name: Advanced Placement Government/Politics Comparative****Course Number:** 45.0530011**Term:** Y**Grade:** 11 - 12**Prerequisites:** Junior/Senior, AP Commitment Contract required, 85+ in previous Social Studies course**Description:** This one-semester, introductory college-level course compares world governments, focusing on Great Britain, Russia/the former Soviet Union, China, Mexico, Nigeria, and Iran. Using analytical methods, students develop an understanding of typical patterns of political processes and behavior and their consequences; compare and contrast political institutions and processes across countries and to derive generalizations; analyze and interpret basic data relevant to comparative government and politics. Students will prepare for taking the College Board Exam given in May consisting of multiple-choice and free-response essays.

**Course Name: Advanced Placement European History****Course Number:** 45.0840010**Term:** Y**Grade:** 12**Prerequisites:** Senior, AP Commitment Contract required, 85+ in Honors Language Arts and World History**Description:** This in-depth, college-level course covers European history from the 14<sup>th</sup> century to the present. Extensive reading including a summer reading assignment prior to beginning the course, document analysis, and essay writing are important components of this course. Students take the three-hour College Board Exam in May. It focuses on three themes: political-diplomatic issues, social-economic issues, and intellectual-cultural issues; and it consists of 70 multiple-choice questions, 2 free-response essays, and one document-based essay**Course Name: Advanced Placement Macroeconomics****Course Number:** 45.0620011**Term:** Y**Grade:** 12**Prerequisites:** Senior, AP Commitment Contract required, 85+ in previous Social Studies course**Description:** This college-level course fulfills core curriculum graduation requirements for 0.5 credits for Economics. Students study the structure of the economy as a whole, with emphasis on topics such as: national income accounting; economic performance measures; and international economics. Students will take the EOCT End-of-Course Test during the final part of the semester if this is the only economics course being taken. If the student takes the EOCT, a “graded experience project” will replace the final exam. Students also take the College Board Exam in May. The exam consists of two sections: a 70-minute multiple-choice section, and a 50-minute essay section. If this course is taken during the first semester, students will meet with the teacher for review in April, prior to the May College Board Exam.**Course Name: Advanced Placement Microeconomics****Course Number:** 45.0630011**Term:** Y**Grade:** 12**Prerequisites:** Senior, AP Commitment Contract required, 85+ in previous Social Studies course**Description:** This college-level course fulfills core curriculum graduation requirements for 0.5 credits for Economics. In contrast to AP Macroeconomics, which “studies the forest,” AP Microeconomics “studies the trees.” Students study specific economic units such as an individual industry, a firm, or a household. Topics include the functioning of individuals in the marketplace, including the function of product markets, factor markets, and the role of the government in such processes. Students will take the End-of-Course Test (EOCT) during the final part of the semester if this is the only economics course being taken. If the student takes the EOCT, a “graded experience project” will replace the final exam. Students also take the College Board Exam in May. The exam consists of two sections: a 70-minute multiple-choice section, and a 50-minute essay section. If this course is taken during the first semester, students will meet with the teacher for review in April, prior to the May College Board Exam.**Course Name: Advanced Placement Human Geography****Course Number:** 45.0770010**Term:** Y**Grade:** 11 – 12**Prerequisites:** Junior/Senior, AP Commitment Contract required, 85 minimum average**Description:** This in-depth course focuses on the cultures, practices, and contributions of various countries and their cultures. As they learn about humankind’s relationship with its environment, students study about such topics as: population patterns; cultural similarities and differences; political boundaries; urban growth; and the modern agricultural revolution. If this course is taken during the first semester, students will meet with the teacher for review in April, prior to the May College Board Exam.

**Course Name: Advanced Placement Psychology**

**Course Number:** 45.0160010

**Term:** Y

**Grade:** 11 – 12

**Prerequisites:** Junior/Senior, AP Commitment Contract required, 85+ in previous Social Studies course

**Description:** This course introduces students to the systematic and scientific study of behavior and mental processes of human beings and other animals. Students learn about the major subfields of psychology including research methodology; the biological basis of behavior; sensation and perception; learning; cognition; motivation and emotion; developmental psychology; personality; intelligence; and abnormal psychology. Psychology is a multi-disciplinarian subject. It is both a science and a social science. The various units of study require that students be able to understand concepts from both a science and social science perspective. Students are required to complete a research project.

## ARCHITECTURAL ENGINEERING DRAWING & DESIGN

The purpose of these courses is to explore all aspects of drafting from basic fundamentals and basic construction to architectural drafting. Computer-aided design/drafting is utilized during all phases of drafting.

**Course Name: Introduction to Engineering Drawing & Design**

**Course Number:** 48.44100

**Term:** Y

**Grade:** 9 – 12

**Prerequisites:** None

**Description:** This course is a foundation course that serves as an introduction to the drafting and design field and is a prerequisite to all other courses in the Engineering Drawing and Design program. Emphasis is placed on safety, geometric construction, fundamentals of Computer-Aided Drafting, and multi-view drawings. Students learn drafting techniques through the study of geometric construction at which time they are introduced to computer-aided drafting and design.

**Course Name: Architectural Drawing and Design I**

**Course Number:** 48.44500

**Term:** Y

**Grade:** 10 – 12

**Prerequisites:** Intro to Engineering Drawing & Design, Sophomores/Juniors/Seniors

**Description:**

This course introduces students to the basic terminology, concepts, and principles of architectural design. Emphasis is placed on house designs, floor plans, roof designs, elevations interior and exterior, schedules, and foundations.

**Course Name: Architectural Drawing and Design II**

**Course Number:** 48.44600

**Term:** Y

**Grade:** 11 – 12

**Prerequisites:** Architectural Drawing and Design, Juniors/Seniors

**Description:**

This course builds on the skills developed in Architectural Drawing and Design I. Emphasis is placed on schedules, plumbing, heating and air, graphic presentations, plot/site plans, specifications, and building estimations.

## ART

**Course Name: Introduction to Art**

**Course Number:** 50.4211001

**Term:** S

**Grade:** 9 – 12

**Prerequisites:** None

**Description:** The gateway class to every other art course at Northview. This semester course is an introduction to drawing, painting, printmaking, sculpture, photography, ceramics, and journaling with an emphasis on the understanding and use of the elements and principles of design.

**Course Name: Drawing and Painting 1**

**Course Number:** 50.4313001

**Term:** S

**Grade:** 9 – 12

**Prerequisites:** Intro to Art

**Description:** This course explores a variety of drawing techniques and a wide range of media such as but not limited to; pencil, charcoal, oil pastels, pastels, colored pencil, conte crayon) with emphasis on developing basic drawing skills and an introduction to painting.

**Course Name/Course Number:**

**Drawing and Painting 2** 50.4313002

**Drawing and Painting 3** 50.4322001

**Drawing and Painting 4** 50.4322002

**Term:** S

**Grade:** 9 – 12

**Prerequisites:** Drawing and Painting I, II, III respectively

**Description:** These courses are designed for those students who wish to further explore drawing and painting techniques. Drawing and painting problems become more complex and students assume more independence at each sequential course level.

**Course Name: Sculpture 1**

**Course Number:** 50.4611001

**Term:** S

**Grade:** 9 – 12

**Prerequisites:** Intro to Art

**Description:** Students experiment in three-dimensional design, using a variety of materials such as paper, marble, wood, clay and wire. In this class, students learn the additive, subtractive, modeling, and casting techniques while creating functional and decorative sculptures.

**Course Name/Course Number:**

**Sculpture 2** 50.4611002

**Sculpture 3** 50.4612001

**Sculpture 4** 50.4612002

**Term:** S

**Grade:** 9 – 12

**Prerequisites:** Sculpture I, II and III respectively

**Description:** Students extend their study three-dimensional design using a variety of materials.

**Course Name: Commercial Design 1**

**Course Number:** 50.4721001

**Term:** S

**Grade:** 9 – 12

**Prerequisites:** Intro to Art

**Description:** Better known as Graphic Design this class focuses on using a variety of art processes and techniques for commercial purposes, such as lettering, product and package design, advertising, illustration, animation, video production, or theatrical design.

**Course Name: Commercial Design 2**

**Course Number:** 50.4721002

**Term:** S

**Grade:** 9 – 12

**Prerequisites:** Commercial Design I

**Description:** Students extend the study begun in Commercial Design 1 of the art processes and techniques involved with the arrangement of words, shapes or images or their combination to communicate a concept directed toward a specific audience for a particular purpose or function.

**Course Name: Ceramics 1**

**Course Number:** 50.4411001

**Term:** S

**Grade:** 9 – 12

**Prerequisites:** Intro to Art

**Description:** Want to create usable dishes and fun clay sculptures? Then this class is for you! Students need no prior experience to learn the hand-building techniques needed to create everything from a coffee mug to a working table top water fountain. In addition, students will be given an introduction to wheel-thrown pottery.

**Course Name: Ceramics 2**

**Course Number:** 50.4411002

**Term:** S

**Grade:** 9 – 12

**Prerequisites:** Ceramics I

**Description:** This course continues with the methods and techniques learned in ceramics one and adds wheel-thrown pottery techniques. Students will learn to throw pottery on the wheel to create vases, bowls, mugs, and plates. Hand-built sculpture will also be taught in this course to add to your portfolio.

**Course Name: Ceramics 3**

**Course Number:** 50.4421001

**Term:** S

**Grade:** 9 – 12

**Prerequisites:** Ceramics I and II

**Description:** This course is a combination of wheel-thrown and hand-built pottery based on student interest.

**Course Name: Ceramics 4**

**Course Number:** 50.4421002

**Term:** S

**Grade:** 9 – 12

**Prerequisites:** Ceramics I, II and III

**Description:** Students extend their study of design in clay with the potter's wheel, hand building and its aesthetic qualities.

**Course Name: Printmaking 1**

**Course Number:** 50.4511001

**Term:** S

**Grade:** 9 – 12

**Prerequisites:** Intro to Art

**Description:** Students explore mono-printing and relief printmaking techniques while learning to create artwork that can be reprinted multiple times as T- shirt designs, prints, and stickers.

**Course Name: Photographic Design 1**

**Course Number:** 50.4711001

**Term:** S

**Grade:** 9 – 12

**Prerequisites:** Intro to Art

**Description:** Students examine aspects of photography as an art form, including history, composition and design. They develop and print black/white photos and special effects in the darkroom; photography is explored through student-made pinhole cameras.

**Course Name/Course Number:**

**Photographic Design 2** 50.4711002

**Photographic Design 3** 50.4712001

**Photographic Design 4** 50.4712002

**Term:** S

**Grade:** 9 – 12

**Prerequisites:** Photographic Design I, 2, and 3 respectively; POD

**Description:** Each course is an in-depth study of photography. Each student must have a manually operated 35-mm camera.

**Course Name: Computer Art 1**

**Course Number:** 50.4724001

**Term:** S

**Grade:** 9 – 12

**Prerequisites:** Intro to Art

**Description:** This course focuses on studio art projects based in Adobe Photoshop. This course introduces the use of computers as a medium for the production of original artwork and the communication of ideas through print and multimedia presentations. The methods and vocabulary of electronic drawing, painting and photographic imaging will be included.

**Course Name: Computer Art 2**

**Course Number:** 50.4724002

**Term:** S

**Grade:** 9 – 12

**Prerequisites:** Computer Art 1

**Description:** A combination of Adobe Photoshop and Adobe Illustrator are taught in Computer Art 2. This course reinforces the use of computers as a medium for the production of original artwork and heavily emphasizes drawing on the Computer with the aid of Wacom drawing tablets.

**Course Name: Jewelry Design 1**

**Course Number:** 50.4431001

**Term:** S

**Grade:** 9 – 12

**Prerequisites:** Intro to Art

**Description:** Want to make your own jewelry or gifts for others? Students study and learn a variety of processes and techniques to design and create jewelry using hemp, beads, nickel silver, sterling silver, pewter, copper, and aluminum.

**Course Name: Jewelry Design 2**

**Course Number:** 50.4431002

**Term:** S

**Grade:** 9 – 12

**Prerequisites:** Jewelry Design I

**Description:** Students extend their study of processes and techniques to design and create jewelry.

**Course Name: Jewelry Design 3**

**Course Number:** 50.4432001

**Term:** S

**Grade:** 9 – 12

**Prerequisites:** Jewelry Design II

**Description:** Students extend their study of Jewelry Design. Jewelry problems become more complex and students assume more independence at each sequential course level.

### **Advanced Placement Studio Art Courses**

The three Advanced Placement Studio Art courses enable highly motivated students to do college-level work in studio art while still in high school. AP Studio Art is not based on a written examination: Instead, candidates submit a portfolio of work for evaluation in early May. Advanced Placement work does involve significantly more time and commitment than most high school courses. Therefore, the program is intended for students seriously committed to studying art. ***Prerequisites vary by course.***

**Course Name:** Advanced Placement Drawing Portfolio

**Course Number:** 50.4811010

**Term:** Y

**Grade:** 11 – 12

**Prerequisites:** Drawing and Painting 2 and a portfolio review; AP Commitment Contract

**Description:** Drawn and Painted artworks only are accepted in this portfolio by the College Board.

**Course Name:** Advanced Placement 2-D Design Portfolio

**Course Number:** 50.4813010

**Term:** Y

**Grade:** 11 – 12

**Prerequisites:** Drawing and painting 1 and Graphic Design or Computer Art 1 plus portfolio review **OR** Photo design 2 plus portfolio review; AP Commitment Contract

**Description:** A combination of photography, computer art, drawing, and painting are accepted in this portfolio by the College Board.

**Course Name:** **Advanced Placement 3-D Design Portfolio**

**Course Number:** 50.4814010

**Term:** Y

**Grade:** 11 – 12

**Prerequisites:** Ceramics 2 and a portfolio review **OR** Ceramics 1 and Sculpture 1 plus a portfolio review **OR** Sculpture 2 and a portfolio review; AP Commitment Contract

**Description:** A combination of media including, ceramic, paper, wire, stone, wood, and mixed media are used to create the three dimensional artwork in this portfolio.

## **BROADCAST VIDEO PRODUCTION**

**Course Name:** **Broadcast/ Video Production 1**

**Course Number:** 10.4111000

**Term:** Y

**Grade:** 9 – 12

**Prerequisites:** Request for Registration

**Description:** This course provides an introductory overview of television production with an emphasis on the role of the television production team. Students are instructed on the correct operation of studio and field production equipment as well as the history of television, scriptwriting, news reporting, and post-production editing. This yearlong course will provide the basic knowledge required to progress on to the advanced levels of the program. *Extracurricular productions are a requirement of this program.*

**Course Name:** **Broadcast / Video Production 2**

**Course Number:** 10.4121000

**Term:** Y

**Grade:** 10 – 12

**Prerequisites:** Broadcast / Video Production 1 and teacher recommendation

**Description:** Students complete advanced editing projects and work as crewmembers on the in-field and field production to reinforce the television production process. Participants serve as reporters and producers on segments of Northview's television program. Students will work with computer-based editing and 3D animation as part of the course. Leadership opportunities afford themselves to students as producers of various departmental projects. *Extracurricular productions are a requirement of this program.*

**Course Name: Broadcast /Video Production 3**

**Course Number:** 10.4131000

**Term:** Y

**Grade:** 11 – 12

**Prerequisites:** Broadcast / Video Production 2, and teacher recommendation

**Description:** This third-year course provides students the opportunity to complete advanced editing projects and direct student production groups. Participants learn advanced editing techniques for use with both in and out of school productions. Students will be using nonlinear editing equipment as well as 3D animation and compositing software for their productions. *Extracurricular productions are a requirement of this program.*

**Course Name: Broadcast / Video Production 4**

**Course Number:** 10.4141000

**Term:** Y

**Grade:** 12

**Prerequisites:** Broadcast / Video Production 3 and teacher recommendation

**Description:** Students in Broadcast and Video Production IV will serve as producers for many of the videos created in the program. BVPIV students will specialize in areas of production that they may pursue in post-secondary education. During the course, students may work on portfolios for career or educational advancement. *Extracurricular participation is a mandatory part of the program.*

## BUSINESS

**Course Name: Principles of Accounting I**

**Course Number:** 07.4110000

**Term:** Y

**Grade:** 10 – 12

**Prerequisites:** Sophomores/Juniors/Seniors

**Description:** Planning to be a Business Major in college? Accounting is a MUST! Learn to implement the steps of the accounting cycle. Simulations will provide students with opportunities to utilize their accounting knowledge in operating different types of businesses.

**Course Name: Principles of Accounting II**

**Course Number:** 07.4120000

**Term:** Y

**Grade:** 11 – 12

**Prerequisites:** Juniors/Seniors, Accounting I

**Description:** Are you thinking about pursuing a career in accounting and possibly becoming a financial analyst for a corporation? Accounting II will provide you with an insight into the corporate world of accounting. You will learn how to analyze articles of incorporation and how to make managerial decisions based on accounting information. Simulations will provide you with opportunities to utilize your skills and knowledge of corporate accounting principles.

**Course Name: Banking/Investing**

**Course Number:** 07.4211001

**Term:** Y

**Grade:** 10 – 12

**Prerequisites:** Sophomores/Juniors/Seniors

**Description:** Examine various types of financial institutions with emphasis on the Federal Reserve, the FDIC, checking instruments, interest rates, credit, banking products, and new technologies in banking. Do you want to learn how to invest your money to maximize the potential return of your investment? If so, this is the class to take! In this class you will learn how you make your money grow or appreciate for long-term financial goals. You will also learn how to analyze your spending and savings habits; analyze the advantages and disadvantages of investing your money in mutual funds, stocks and bonds, and how to assess the risk and return of your investment options. Simulations will provide you with opportunities to invest money in various stock exchange markets, such as NASDAQ or New York Exchange.

**Course Name: Legal Environment of Business (Business Law)**

**Course Number:** 06.4150000

**Term:** Y

**Grade:** 10 – 12

**Prerequisites:** Sophomores/Juniors/Seniors

**Description:** While studying actual court cases, students will utilize the legal concepts necessary to help them to analyze the facts, make an opinion, and conclude with an informed decision. Students will learn the court system, perform Internet research, and discuss current events. Class activities include mock trials, studying Court TV cases, and real-life applications of our legal system.

**Course Name: Business Essentials**

**Course Number:** 06.4160000

**Term:** Y

**Grade:** 9 – 12

**Prerequisites:** None

**Description:** Is your dream to be a CEO? Explore management techniques, motivational strategies and hands-on problem-solving skills while developing your leadership and communication abilities. Find out what really goes on behind the desk as you aspire to become the next Bill Gates or Donald Trump.

**Course Name: Entrepreneurial Ventures**

**Course Number:** 06.4170000

**Term:** Y

**Grade:** 10 – 12

**Prerequisites:** Sophomores/Juniors/Seniors

**Description:** Explore the advantages and disadvantages of business ownership, personal characteristics and skills required for entrepreneurs, opportunity recognition and pursuit, and problem solving. Development of the components of a business plan is emphasized.

**Course Name: Financial Literacy**

**Course Number:** 07.4260000

**Term:** Y

**Grade:** 10 – 12

**Prerequisites:** Sophomores/Juniors/Seniors

**Description:** Want to know how to buy your own car? Open a checking account? Apply for a credit card? Learn to do your taxes? All this and much more will be explored as you develop an awareness of financial responsibilities with an emphasis on banking, credit, consumer rights, investing, taxes, and budgeting.

**Course Name: Business Procedures (CBE)**

**Course Number:** 07.4621000

**Term:** Y

**Grade:** 11 – 12

**Prerequisites:** Application Process, Teacher Recommendation, Juniors/Seniors only

**Description:** The Business Procedures program is designed to prepare students to select, enter, and advance in productive careers. The Business Procedures class curriculum develops basic knowledge, skills, and abilities necessary for successful employment in areas of business. Participation in the Future Business Leaders of America provides opportunities for leadership development, community service, regional and state competition, and club sponsored activities.

**Course Name: Business Internship 1A, 1B - one (1A) or two periods (1A and 1B) (CBE Work Study)**

**Course Number:** 07.0910000 (6<sup>th</sup> period) and 07.0920000 (5<sup>th</sup> period)

**Term:** Y

**Grade:** 11 – 12

**Prerequisites:** Juniors/Seniors only

**Description:** The Business Internship program is designed to provide on-the-job training for students in the Business Procedures program. Students are released for periods five and six to receive hands-on learning through employment in a variety of office worksites. Students earn money while developing good business attitudes, work ethics, and new skills. Prerequisite: Application Process, Juniors/Seniors only

## COMPUTER SCIENCE

**Course Name: Computer Applications I**

**Course Number:** 07.4411000

**Term:** Y

**Grade:** 9 – 12

**Prerequisites:** None

**Description:** Learn everything you need to know about computers using *Microsoft Office*. Students will learn the basics of word processing Word, spreadsheets Excel, presentation software PowerPoint, database management Access, desktop publishing Publisher, and career exploration. Document formatting and basic computer functions will be covered, preparing the student for future study in the Computing program. This course is an excellent way to learn the basic programs of Office 2003 and is highly recommended as an introductory computer course.

**Course Name: Business Communication and Presentation (Multimedia)**

**Course Number:** 07.4831000

**Term:** Y

**Grade:** 10 – 12

**Prerequisites:** Sophomores/Juniors/Seniors

**Description:** The goal of this course is to provide students with skills of current technology. Emphasis is placed on Microsoft PowerPoint, Movie Maker, and Photoshop to create an array of multimedia projects.

**Course Name: Computing in the Modern World**

**Course Number:** 11.4130000

**Term:** Y

**Grade:** 9 – 12

**Prerequisites:** None

**Description:** Explore the world of modern technology with a variety of activities designed to keep you up to date with a fast-moving society. Learn about laptops, desktops, cell phones, video games, high-definition televisions, and much, much more in the world of technology. If you have a desire to learn more about every-day technology, this is the class for you.

**Course Name: Beginning Programming**

**Course Number:** 11.418000

**Term:** Y

**Grade:** 10 – 12

**Prerequisites:** Sophomores/Juniors/Seniors only

**Description:** Ever thought about being a video game designer or programmer for a living? This introductory class lets students examine these career options. You will create Windows applications using the computer language Visual Basic.NET to solve problems, develop filing systems, and produce simple games, applications and graphics on the computer. You will create windows applications using various computer languages to develop games, applications, and graphics on your computer.

**Course Name: Fundamentals of Web Design**

**Course Number:** 11.4310000

**Term:** Y

**Grade:** 10 – 12

**Prerequisites:** Sophomores/Juniors/Seniors only

**Description:** Want to create your own web site? It's easier than you might think! This highly fun and creative class covers HTML, Flash, JavaScript, FrontPage, FreeHand, FireWorks and DreamWeaver. Learn to create your own graphics and build web pages using both hard-coding and web authoring software.

**Course Name: Advanced Web Design****Course Number:** 11.4320000**Term:** Y**Grade:** 11 – 12**Prerequisites:** Application; School Web Site, Juniors/Seniors**Description:** Upon completion of this course, students should have a thorough knowledge of all areas of web page design. Topics include the web development process, advanced layout and design features, advanced study of scripting languages, site development with HTML editors, and web servers and databases. This course also prepares students to take the CIW Associate Design Specialist Certification.**Course Name: Advanced Placement Computer Science A****Course Number:** 11.4160010**Term:** Y**Grade:** 10 – 12**Prerequisites:** 85+ Accelerated Integrated Geometry Honors, 90+ Integrated Geometry; AP Commitment Contract; Math Teacher recommendation; Sophomores, juniors, and seniors only; Beginning Programming preferred not required for course**Description:** This year long course is designed to be the equivalent of one semester-long college introductory course in programming. The course is geared toward preparing students to take the College Board's Advanced Placement Exam. Major emphasis is on programming using the language JAVA, on programming methodology, and problem solving. Students will learn to create interesting projects such as business and educational computer applications using JAVA. Software engineering, computer hardware systems, new computer technologies and the social implications of computing typical first-year college level computer science topics are integrated into this course. Students are trained on the multiple-choice and free-response questions that are on the AP Exam.

## DRAMA

**Course Name: Acting 1A (Fundamentals of Drama IA: Introduction to Theatre)****Course Number:** 52.0610001**Term:** S**Grade:** 9 – 12**Prerequisites:** None**Description:** This is an introduction to theater class which allows the students to explore all the major artistic aspects of theater. In addition to the acting, directing, and technical theater, this course surveys the use of theater from several different cultures. The students will learn both how to create theater and to appreciate the art form as it exists all over the world. This is a highly energetic class with many outlets for creativity.**Course Name: Acting 1B (Beginning Acting)****Course Number:** 52.0610002**Term:** S**Grade:** 9 – 12**Prerequisites:** Acting 1A**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 class is useful for students who want to improve the performance skills they have already, and for those who simply wish to overcome shyness. The class allows all students the opportunity to perform on a regular basis.**Course Name/Course Number:****Acting 2A** 52.0620001**Acting 2B** 52.0620002**Term:** S**Grade:** 9 – 12**Prerequisites:** Audition only**Description:** Acting II delves further into the craft, utilizing the actor's body and voice. This is a performance-based class with emphasis on acting methods and styles which provide the essential backgrounds for further advanced study.

**Course Name/Course Number:****Advanced Drama (Production) 1A** 52.0510001**Prerequisite:** Acting 1B**Advanced Drama (Production) 1B** 52.0510002**Prerequisite:** Acting 1B**Advanced Drama (Production) 2A** 52.0520001**Prerequisite:** Audition**Advanced Drama (Production) 2B** 52.0520002**Prerequisite:** Audition**Term:** S**Grade:** 9 – 12

**Description:** This course focuses on the production of one specific play in theater. The students learn the makings of a production in educational theater. The students will be able to try their hands at all aspects of a production, from analyzing or writing the text to the actual performance of the play. This class provides a great opportunity to perform and produce theater.

**Course Name/Course Number:****Technical Theatre 1** 52.041001**Prerequisite:** None**Technical Theatre 2** 52.042001**Prerequisite:** Technical Theater I**Term:** S**Grade:** 9 – 12

**Description:** This is a practical course that follows the production of the shows currently in production at the school. The class helps plan, design, build and publicize the shows. The students will also learn about each of the technical theatre professions, such as set, light, and costume design, production and stage management, and directing.

**Course Name: Technical Theatre 3****Course Number:** 52.0430000**Term:** Y**Grade:** 11 – 12**Prerequisites:** Application/juniors and seniors only

**Description:** A year-long course in stage directing. Student will learn to direct through exercises, studying the work of great directors and actual directing. Each student in the class will direct a one-act play for a public performance.

## DUAL ENROLLMENT

The Dual Enrollment Program is for students classified as high school juniors and seniors at accredited public or private high schools in the state of Georgia, and is operated in all school terms except summer. The program allows students to pursue postsecondary study at approved public and private colleges and technical colleges while receiving dual high school and college credit for courses successfully completed. Courses pursued by students under this program must come from the approved course directory which is supplied to high school counselors in the state. Courses are available only in the areas of the core graduation requirements for college preparatory students: English; Mathematics; Social Studies; Science; World Language.

**Course Name: College English** (*provided on the Northview campus by Georgia Perimeter College*)**Course Number:** 23.0630400**Term:** Y**Grade:** 12**Prerequisites:** Seniors; acceptance to GPC

**Description:** This course includes English 1101 (Fall only), English 1102 (Spring, Fall for students who scored a 3 or above on their AP Language exam), and English 2111 (Spring only).

**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. Or an AP Language score of 3 or better.)

**ENGL 2111/World Literature I:** This course offers a survey of world literature including the ancient world, classical Greece and Rome, the Middle Ages, and the Renaissance. *Prerequisite: ENGL 1102 with a C or better.*

**Course Name:** College Economics - Fall only (provided on the Northview campus by Georgia Perimeter College)

**Course Number:** 45.0610409

**Term:** S

**Grade:** 12

**Prerequisites:** Seniors; acceptance to GPC

**Description:** This is an introductory course in macroeconomics (**ECON 2105/Principles of Macroeconomics**). It introduces students to concepts that will enable them to understand and analyze economic aggregate and evaluate economic policies. The areas of fiscal policy, monetary policy, social goals, monetary systems, national income, employment, inflation, and economic growth are included.

*Prerequisite:* Seniors; acceptance to GPC

**Course Name:** College Public Speaking/Speech – Spring only (provided on the Northview campus by Georgia Perimeter College)

**Course Number:** 23.0460400

**Term:** S

**Grade:** 12

**Prerequisites:** Seniors; acceptance to GPC

**Description:** This is an introductory course in oral communication (**COMM 1201/Public Speaking**). This course stresses the fundamental principles of public speaking. Special attention is given to critical thinking, global issues, the selection and organization of materials, and the presentation of individual speeches and group deliberations. ***This class is a required course for all freshmen at Georgia colleges and universities***

**Course Name:** College Calculus 2 and 3

**Course Number:** 27.0750405 and 27.0750406

**Term:** Y

**Grade:** 11 – 12

**Prerequisites:** Juniors and Seniors; Calculus BC; acceptance to Georgia Tech

**Description:** This course is taught by a Georgia Tech professor through the Distance Learning Lab. Students from several Fulton County High Schools become part of this Georgia Tech classroom through the use of technology. The Calculus 2 course concludes the treatment of single variable calculus, and begins linear algebra—the linear basis of the multivariable theory. The Calculus 3 course involves multivariable calculus: Linear approximation and Taylor's theorems, Lagrange multiples and constrained optimization, multiple integration and vector analysis including the theorems of Green, Gauss and Stokes.

## ENGINEERING

**Course Name:** Foundations of Engineering & Technology

**Course Number:** 21.4250000

**Term:** Y

**Grade:** 9 – 12

**Prerequisites:** None

**Description:** Intro to Technology provides students with an opportunity to explore the world of technology and how it affects their lives. The focus of the program is a hands-on learning environment that will allow students to apply and reinforce their basic learning skills, develop interpersonal relationships with their peer groups and interact with current technological equipment and tools.

**Course Name:** Engineering Concepts

**Course Number:** 21.4710000

**Term:** Y

**Grade:** 10 – 12

**Prerequisites:** Foundations of Engineering & Technology; Sophomores/Juniors/Seniors, students must be enrolled in or have completed Algebra II Physical Science or Chemistry recommended

**Description:** Pre-engineering is the introduction to principles and activities peculiar to the field of Engineering. Pre-Engineering involves the practical application of scientific and mathematical principles for the purpose of solving real world and/or simulated problems and communicating technical information. Students use tools and materials to design, engineer, and evaluate products and systems as a means of examining the relationship of technology on society as well as society on technology.

**Course Name: Engineering Applications****Course Number:** 21.4720000**Term:** Y**Grade:** 11 – 12**Prerequisites:** Engineering Concepts and Physical Science or Chemistry.**Description:** This advanced course of study in the engineering field is recommended for students in grades 11-12. Students conduct research and/or design an engineering project. Students sharpen their aptitude and expand their interest through experiences in the field of engineering. The course enables them to make an informed career choice through the study, application, and practice of mechanical, electrical, and other engineering systems. Projects will reinforce the application of communication, mathematics, and science. Computer programs will be used extensively in this course to enable the students to visualize, solve, and report on complex design problems.

## ESOL

**Course Name: Communication Skills I – Elective****Course Number:** 55.0210000**Term:** Y**Grade:** 9 – 12**Prerequisites:** Placement in this class will be determined through testing (ACCESS Score, Level 1)**Description:** This course will focus on the acquisition of social and instructional language based on the five WIDA standards. The primary emphasis for this course includes building on the initial survival language skills as well as developing interpersonal communication skills while learning about various cultural characteristics of the United States.**Course Name: Oral Communication in Content Areas – Elective****Course Number:** 55.0240000**Term:** Y**Grade:** 9 – 12**Prerequisites:** Placement in this class will be determined through testing (ACCESS Score, Level 1)**Description:** This course supports and enhances oral/aural skills and references with five basic WIDA standards with emphasis on speaking skills in the content areas. Students will develop critical thinking skills by analyzing talks, speeches, and written communication.**Course Name: Reading and Listening in the Content Areas – Elective****Course Number:** 55.0230000**Term:** Y**Grade:** 9 – 12**Prerequisites:** Placement in this class will be determined through testing (ACCESS Score, Levels 1-2)**Description:** This course will provide activities and opportunities to enhance literacy and listening skills necessary for success in the content areas. Guided by the five WIDA standards, the focus will be on the acquisition of fundamental skills: primarily reading and writing reinforced by speaking and listening while developing vocabulary associated with designated themes.**Course Name: Communication Skills II – Elective****Course Number:** 55.0220000**Term:** Y**Grade:** 9 – 12**Prerequisites:** Placement in this class will be determined through testing (ACCESS Score, Level 2-3)**Description:** This course is an expansion of Communication Skills I with emphasis upon proficiency Standard 2 regarding the communication of information, ideas and concepts necessary for academic success in the content area of Language Arts. This course is designed for those English language learners who need further reinforcement to develop stronger reading and writing skills and who would not otherwise receive this specialized attention.

**Course Name: ESOL 9<sup>th</sup> Grade Composition and Literature – Core**

**Course Number:** 23.0910020

**Term:** Y

**Grade:** 9 – 12

**Prerequisites:** Placement in this class will be determined through testing (ACCESS Score, Levels 2-5)

**Description:** This course focuses on the continuous development of grammar and usage. Process writing is introduced and comprehension skills are enhanced through continued use of reading strategies and through a variety of printed materials. Instruction is anchored in 9<sup>th</sup> grade English Language Arts GPS and instruction is differentiated with WIDA standards.

**Course Name: ESOL 10<sup>th</sup> Grade Composition and Literature – Core**

**Course Number:** 23.0920009

**Term:** Y

**Grade:** 10 – 12

**Prerequisites:** Placement in this class will be determined through testing (ACCESS Score, Levels 2-5)

**Description:** This course focuses on developing academic writing across various Language Arts platforms and further strengthening grammar skills. Students will explore literary elements of fiction while enhancing comprehension skills through applying various reading strategies. English Language Arts GPS guide instruction and all five WIDA standards contribute to this course, particularly Standard 2 regarding the communication of information, ideas and concepts necessary for academic success in the content area of Language Arts.

**Course Name: Sheltered American Lit/Composition – Core**

**Course Number:** 23.0510020

**Term:** Y

**Grade:** 11 – 12

**Prerequisites:** Placement in this class will be determined through testing (ACCESS Score, Levels 2-5)

**Description:** This course fulfills a graduation requirement for English, and familiarizes students with the ways in which events in American history affect literature and culture in the United States. Emphasis is placed on an understanding of major American works and its authors, continued development of vocabulary, and oral communication skills. Students employ a variety of writing genres to demonstrate a comprehensive grasp of significant ideas in selected literary works. Students continue to strengthen their understanding and control of the rules of the English language. WIDA Standards are used to differentiate instruction based on English Language Arts GPS.

**Course Name: ESOL 12<sup>th</sup> Grade Composition and Literature – Core**

**Course Number:** 23.0940009

**Term:** Y

**Grade:** 12

**Prerequisites:** Placement in this class will be determined through testing

**Description:** This course will provide practice and opportunities to support and enhance comprehension skills by identifying evidence and main ideas in a variety of texts representative of different genres found in world literature. The students will employ a variety of writing genres to demonstrate a grasp of significant ideas in selected literary works throughout this course. This course will further students' understanding of proper English usage and control of grammar. WIDA standards are used to differentiate instruction based on the English Language Arts GPS. (ACCESS Score, Levels 2-5)

## HEALTH AND PHYSICAL EDUCATION

**Course Name: General Health**

**Course Number:** 17.0110001

**Term:** S

**Grade:** 9 – 12

**Prerequisites:** This course is recommended for 9<sup>th</sup> graders, but can be taken at other grade levels.

**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, decision-making skills, mental health, emotions, stress, alcohol, drug and tobacco use/abuse, nutrition, First Aid/CPR and sex education. **Graduation Requirement.**

**Course Name: Personal Fitness**

**Course Number:** 36.0510001

**Term:** S

**Grade:** 10 – 12

**Prerequisites:** 10<sup>th</sup> –12<sup>th</sup> graders only

**Description:** This course fulfills the requirement for graduation. The course introduces weight training and cardiovascular fitness games. Health-related fitness components are assessed by using the “Fitness Gram Computer” software program. A personal workout plan is designed and implemented in the course.  
**Graduation Requirement.**

**Course Name: Advanced Personal Fitness**

**Course Number:** 36.0510002

**Term:** S

**Grade:** 10 – 12

**Prerequisites:** Personal Fitness

**Description:** 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.

**Course Name: General Physical Education I**

**Course Number:** 36.0110001

**Term:** S

**Grade:** 9 – 12

**Prerequisites:** None

**Description:** Introduces the rules, skills and strategy of basketball, volleyball, speedball (combination of football, basketball and soccer), team handball, badminton, Frisbee games, flag football, field hockey, tennis, soccer, softball, pickle ball and table tennis. Team and tournament play is emphasized.

**Course Name: General Physical Education II**

**Course Number:** 36.0120001

**Term:** S

**Grade:** 9 – 12

**Prerequisites:** None

**Description:** Introduces the rules, skills and strategy of basketball, flag football, badminton, team handball, tennis, soccer, pickle ball and table tennis. Team and tournament play is emphasized.

**Course Name: General Physical Education III**

**Course Number:** 36.0130001

**Term:** S

**Grade:** 9 – 12

**Prerequisites:** None

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

**Course Name: Lifetime Sports**

**Course Number:** 36.0220001

**Term:** S

**Grade:** 9 – 12

**Prerequisites:** None

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

**Course Name: Recreational Games**

**Course Number:** 36.0270001

**Term:** S

**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: Outdoor Education****Course Number:** 36.0250001**Term:** S**Grade:** 11 – 12**Prerequisites:** Juniors and Seniors only**Description:** Introduces the basics skills of hiking, camping, cooking over a fire, conservation, archery, rock climbing and orienteering. Students will have the opportunity to engage in enrichment activities such as camping trips, rock climbing and white water rafting.**Course Name: Weight Training I****Course Number:** 36.0540001**Term:** S**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 II****Course Number:** 36.0540002**Term:** S**Grade:** 9 – 12**Prerequisites:** Weight Training I**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.**Course Name: Weight Training III****Course Number:** 36.0540003**Term:** S**Grade:** 9 – 12**Prerequisites:** Weight Training II**Description:** This course is designed for the serious student/athlete involved in a school or club sport activity. Each student/ athlete will have an understanding of power lifting techniques, improving in muscular strength and endurance and will be given a weight training program that is specific to their sport. Cardiovascular training is included in this course.

## INTERRELATED RESOURCES (IRR)

**Course Name: Study Skills I, II, III, IV****Course Number:** 35.8610080, 35.8620080, 35.8630080, 35.8640080**Term:** Y**Grade:** 9 – 12**Prerequisites:****Description:** Study Skills is available to 9th – 12th grade students who have an IEP; students earn elective credit. The Study Skills class provides an opportunity to improve study skills, organizational skills, and test-taking skills. Study Skills teachers work 1-on-1 with students in all subjects during the second half of their Study Skills classes. Study Skills is recommended for any IRR student who is in a General Education or Team-Taught Class.**Course Name: Social Skills I, II****Course Number:** 35.8510080, 35.8520080**Term:** Y**Grade:** 9 – 12**Prerequisites:****Description:** This elective class is available for students in 9th – 12th grades who have an IEP; students earn elective credit. The Social Skills class provides students with answers to questions about peer and adult relationships and helps students learn and practice appropriate coping and social skill strategies.

## LANGUAGE ARTS

**Course Name: 9th Grade Literature and Composition**

**Course Number:** 23.0610000

**Term:** Y

**Grade:** 9

**Prerequisites:** None

**Description:** Students in Ninth Grade Language Arts receive a college preparatory curriculum based on the Georgia Performance Standards. **Reading and Literature:** Students will identify, analyze, and apply knowledge of structures and elements of fiction, nonfiction, poetry, and dramatic literature. Students will identify, analyze, and apply knowledge of theme in literary works, as well as deepen understanding of relating literary works to contemporary context or historical background. Students will employ a variety of writing genres to demonstrate understanding of theme, detailed references, and allusions within a text. Students will understand and acquire new vocabulary. **Writing:** Students will produce writing that establishes an appropriate organizational structure, including thesis and support. Students will demonstrate competence in a variety of genres, including narrative, expository, research, and technical writing. Students will practice both timed and process writing. **Conventions:** Students will demonstrate understanding and control of the rules of the English language, manuscript form, and writing formats. **Listening, Speaking, and Viewing:** Students will participate in student-to-teacher, student-to-student, and group verbal interactions. Students will deliver focused, coherent, and polished presentations that convey a clear and distinct perspective, demonstrate solid reasoning, and combine traditional rhetorical strategies of narration, exposition, persuasion, and description. Students will respond to written and oral texts and media.

**Course Name: Honors 9th Grade Literature and Composition**

**Course Number:** 23.0610040

**Term:** Y

**Grade:** 9

**Prerequisites:** 85+ honors or 95+ regular 8<sup>th</sup> grade Language Arts; recommendation from Grade 8 Language Arts teacher; Level 3 score on CRCT Reading and Language Arts (if applicable)

**Description: Same description as above with the following addition:** Students in Ninth Grade Honors Language Arts also receive a college preparatory curriculum based on the Georgia Performance Standards. Although the GPS remains the same, the honors level of Ninth Grade Language Arts typically involves a significantly increased reading and writing workload than the non-honors class. Honors students must be able to select and independently work with texts from a college bound reading list. Honors students will be expected to deeply read and analyze texts, both with and without classroom guidance. Honors classes cover text and material at an accelerated pace.

**Course Name: Gifted Honors 9th Grade Literature and Composition**

**Course Number:** 23.2610040

**Term:** Y

**Grade:** 9

**Prerequisites:** 85+ honors or 95+ regular 8<sup>th</sup> grade Language Arts; recommendation from Grade 8 Language Arts teacher; Level 3 score on CRCT Reading and Language Arts (if applicable); TAG Program; application/selection as content area for gifted participation

**Description: Same description as above with the following addition:** Research element.

**Course Name: 10th Grade Literature and Composition**

**Course Number:** 23.0620000

**Term:** Y

**Grade:** 10

**Prerequisites:** None

**Description:** Tenth Grade Literature and Composition is organized thematically. Students will continue to develop vocabulary and apply effective reading strategies to a wide variety of literary and informational texts. They will learn about universal themes and symbols common to literary works, including the novel, short story, poetry, drama, and nonfiction. Students will continue to build on effective writing and research habits as they refine language arts skills which they will apply to writing, listening, speaking, and viewing. This course prepares students for college.

**Course Name: Honors 10th Grade Literature and Composition****Course Number:** 23.0620040 Year**Term:** Y**Grade:** 10**Prerequisites:** 85+ honors or 95+ regular 9<sup>th</sup> grade Language Arts

**Description:** This course requires a teacher recommendation, which may be based on the following: approved writing, standardized test scores, and academic achievement. The honors level course has higher expectations and more rigorous coursework than the college preparatory level, including mandatory summer reading and written responses to literature. Tenth Grade Literature and Composition--Honors is organized thematically. Students will continue to develop vocabulary and apply effective reading strategies to a wide variety of literary and informational texts. They will learn about universal themes and symbols common to literary works, including the novel, short story, poetry, drama, and nonfiction. Students will continue to build on effective writing and research habits as they refine language arts skills which they will apply to writing, listening, speaking, and viewing. This course prepares students for college.

**Course Name: 11th Grade American Literature and Composition****Course Number:** 23.0510000**Term:** Y**Grade:** 11**Prerequisites:** None

**Description:** American Literature and Composition is a study of the major literary topics, themes, and movements in the history of the United States from pre-colonial times to present day. Students will focus on major literary forms of the emerging nation, analyze literary themes and trends, and both research and compose several papers, speeches, and presentations, using representative forms of discourse. This course prepares students for college.

**Course Name: Honors 11th Grade American Literature and Composition****Course Number:** 23.0510040**Term:** Y**Grade:** 11**Prerequisites:** 85+ honors or 95+ regular 10<sup>th</sup> grade Language Arts

**Description:** This course requires a teacher recommendation, which may be based on the following: approved writing, standardized test scores, and academic achievement. The honors level course has higher expectations and more rigorous coursework than the college preparatory level, including mandatory summer reading and written responses to literature. American Literature and Composition--Honors is a study of the major literary topics, themes, and movements in the history of the United States from pre-colonial times to present day. Students will focus on major literary forms of the emerging nation, analyze literary themes and trends, and both research and compose several papers, speeches, and presentations, using representative forms of discourse. This course prepares students for college.

**Course Name: Advanced Placement Language/American Literature/Composition****Course Number:** 23.0530010**Term:** Y**Grade:** 11**Prerequisites:** AP Commitment Contract prior Honors Language Arts classes preferable; 85 honors or 95 regular 10<sup>th</sup> Language Arts; Open to juniors

**Description:** This course is a chronological and thematic study of significant works in American literature and genres of writing. Students must demonstrate mastery of written expression that includes analysis of authors' styles, including tone, diction, syntax, rhetorical patterns, and use of figurative language. The majority of works studied will be non-fiction. Students are required to complete summer assignments between their sophomore and junior year. The College Board administers a culminating assessment, including multiple-choice questions and free response composition that could result in earned college credits.

**Course Name: World Literature and Composition REQUIRED**

**Course Number:** 23.0630001

**Term:** S

**Grade:** 12

**Prerequisites:** American Lit/Comp; This is a required course for on-level seniors; this course is a graduation requirement

**Description:** Students read literature based on the universal human experience across culture and time, write extensively, and improve skills in critical listening, thinking, speaking and research. World Literature and Composition is a study of universal themes present in literature from ancient civilizations to modern cultures around the world. Students will continue to develop vocabulary and apply effective reading strategies to a wide variety of literary and informational texts; to learn about universal themes common in literary works, including the novel, short story, poetry, drama, and nonfiction; to establish effective writing and research habits; and to refine language skills as they apply to writing, listening, speaking, and viewing. This course prepares students for college.

**Course Name: Contemporary Literature and Composition**

**Course Number:** 23.0660001

**Term:** S

**Grade:** 12

**Prerequisites:** Co-requisite with World Lit and Comp; This is an approved selective for on-level seniors; Students must complete this course to meet graduation requirements

**Description:** Students compare, contrast and evaluate modern texts, novels, poetry, drama and prose with contemporary Internet, television and film texts, and progressively incorporate and refine reading, writing, critical thinking, listening, oral presentation, and research skills. Contemporary Literature and Composition is a study of modern topics and themes as they appear in literary and informational texts and multi-media formats. Students will continue to develop vocabulary and apply effective reading strategies to a wide variety of literary and informational texts; to learn about universal themes common in literary works including the novel, short story, poetry, drama, and nonfiction; to establish effective writing and research habits; and to refine language skills as they apply to writing, listening, speaking, and viewing. This course prepares students for college.

**Course Name: Advanced Placement English Literature and Composition**

**Course Number:** 23.0650010

**Term:** Y

**Grade:** 12

**Prerequisites:** AP Commitment Contract prior AP Language or Honors Language Arts classes preferable; 85+ AP Language or 90+ honors or 95+ regular in American Literature; Open to seniors.

**Description:** In this course, students engage in the careful analysis of literary works. Through such study they sharpen their awareness of language and their understanding of the writer's craft. Writing assignments focus on the critical analysis of literature and include expository and persuasive essays, as well as analytical research. Students intensively study works from various genres and periods of literature. Students are required to complete summer assignments between their junior and senior years. The College Board administers a culminating assessment in May, including multiple choice questions and free response composition that could result in earned college credits.

**Course Name: College English** (*provided on the Northview campus by Georgia Perimeter College*)

**Course Number:** 23.0630400

**Term:** Y

**Grade:** 12

**Prerequisites:** Seniors; **Acceptance to GPC**

**Description:** This course includes English 1101 (Fall only), English 1102 (Spring, Fall for students who scored a 3 or above on their AP Language exam), and English 2111 (Spring only).

**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. Or an AP Language score of 3 or better.)

**ENGL 2111/World Literature I:** This course offers a survey of world literature including the ancient world, classical Greece and Rome, the Middle Ages, and the Renaissance. *Prerequisite: ENGL 1102 with a C or better.*

**Course Name: College Public Speaking/Speech** – Spring only (*provided on the Northview campus by Georgia Perimeter College*)

**Course Number:** 23.0460400

**Term:** S

**Grade:** 12

**Prerequisites:** Seniors; **Acceptance to GPC**

**Description:** This is an introductory course in oral communication (**COMM 1201/Public Speaking**). This course stresses the fundamental principles of public speaking. Special attention is given to critical thinking, global issues, the selection and organization of materials, and the presentation of individual speeches and group deliberations. ***This class is a required course for all freshmen at Georgia colleges and universities***

**Course Name/Course Number:**

**SAT Prep** 35.0660001 Semester during regular school day

**SAT Prep** 35.0660002 Semester during zero period

**Term:** S

**Grade:** 11 – 12

**Prerequisites:** Juniors and Seniors, Completed or Enrolled in Integrated Algebra II or higher

**Description:** Students receive intense practice and instruction in the areas of problem solving and advanced grammar. The course is team taught by a mathematics and a language arts teacher. In addition to being taught during the school day, a section will be offered as a zero-period (before school) during the fall semester. Highly recommended for seniors for fall semester and juniors for spring semester

**Course Name: Journalism/Newspaper I**

**Course Number:** 23.0320000

**Term:** Y

**Grade:** 10 – 12

**Prerequisites:** Sophomores, Juniors, and Seniors, Application; 85 cumulative average; 85+ Language Arts

**Description:** This series of courses is an introduction to newspaper writing and publishing. Students use computers to write and edit articles and to prepare layouts for the school newspaper.

**Course Name: Journalism/Newspaper II**

**Course Number:** 23.0330000 Year

**Term:** Y

**Grade:** 11 – 12

**Prerequisites:** Newspaper; Permission of advisor

**Description:** A continuation of the journalism series leading to a supervisory position in the publication of the paper.

**Course Name: Journalism/Newspaper III**

**Course Number:** 23.0350000

**Term:** Y

**Grade:** 11 – 12

**Prerequisites:** Prerequisite: Newspaper I; Permission of advisor

**Description:** A continuation of the journalism series; participants assume supervisory positions in the publication of the paper.

**Course Name: Journalism/Literary Magazine I**

**Course Number:** 23.0320008

**Term:** Y

**Grade:** 10 – 12

**Prerequisites:** Sophomores, Juniors, and Seniors; Application; 85 cumulative average or 85+ Language Arts

**Description:** Literary Magazine participation provides students with an opportunity to experiment with various forms of creative verbal and visual expression. Students gather and critique entries for publication of the literary magazine. Students also learn the basics of graphic design and gain hands-on computer experience.

**Course Name: Journalism/Literary Magazine II**

**Course Number:** 23.0330008

**Term:** Y

**Grade:** 11 – 12

**Prerequisites:** Literary Magazine; Permission of advisor

**Description:** A continuation of Literary Magazine I that provides students with leadership opportunities as well as more in-depth computer design experience.

**Course Name: Journalism/Literary Magazine III**

**Course Number:** 23.0350008

**Term:** Y

**Grade:** 11 – 12

**Prerequisites:** Literary Magazine II/Permission of advisor

**Description:** A continuation of Literary Magazine II that provides students with leadership opportunities as well as more in-depth computer design experience.

**Course Name: Journalism/Yearbook I**

**Course Number:** 23.0320007

**Term:** Y

**Grade:** 10 – 12

**Prerequisites:** Sophomores, Juniors, and Seniors/Application/teacher recommendation/85 cumulative average/85+ Language Arts.

**Description:** This course provides an introduction to the writing and layout of the high school yearbook. Students must apply. Students must have computer and/or photography skills or be willing to be trained.

**Course Name: Journalism/Yearbook II**

**Course Number:** 23.0330007

**Term:** Y

**Grade:** 11 – 12

**Prerequisites:** Yearbook I/Juniors/Seniors/Permission of advisor

**Description:** A continuation of the series leading to a supervisory position in the publication of the yearbook.

**Course Name: Journalism/Yearbook III**

**Course Number:** 23.0350007

**Term:** Y

**Grade:** 11 – 12

**Prerequisites:** Yearbook II Seniors/Permission of advisor

**Description:** A continuation of the series; participants assume supervisory positions in the publication of the school yearbook.

**Course Name: Speech/Forensics I**

**Course Number:** 23.0460000

**Term:** Y

**Grade:** 9 – 12

**Prerequisites:** None

**Description:** This course offers instruction in the process of debate and ethical argumentation. Students learn cooperation through the research process as they analyze problems of domestic and international scope. During the competition of class debates, students test solutions to those problems and learn to adapt their arguments and language to fit the audience.

**Course Name: Speech/Forensics II**

**Course Number:** 23.0470000

**Term:** Y

**Grade:** 10 – 12

**Prerequisites:** Speech/Forensics I or permission of advisor

**Description:**

This course stimulates an awareness of and knowledge about public issues. Students have the opportunity to hone the kinds of communication skills that will serve them well for careers in business and law. In addition, students will expand academic research skills introduced in Speech/Forensics I.

## MARKETING SALES AND SERVICE/FASHION

**Course Name: International Business and Marketing**

**Course Number:** 06.4143000

**Term:** Y

**Grade:** 11 – 12

**Prerequisites:** Juniors/Seniors

**Description:** Do you love business and travel? Discover an understanding of the global business environment and the relationship between cultural, political, legal, economic, and ethical systems. This course will assist you in the ability to analyze world economic trends and their impact on business and financial decisions. Explore the world through International Business!

**Course Name: Marketing Principles**

**Course Number:** 08.4740000

**Term:** Y

**Grade:** 9 – 12

**Prerequisites:** None

**Description:** This is the foundational course for the new pathway in Fashion Marketing. This pathway will introduce the student to the fashion industry including the fundamentals of fashion marketing, types of businesses involved in the industry, and the array of career opportunities available in fashion marketing.

## MATHEMATICS

**Course Name: Integrated Advanced Algebra (IAA)**

**Course Number:** 27.0810000

**Term:** Y

**Grade:** 9

**Prerequisites:** Passed Math 8

**Description:** Course objectives include characteristics of families of functions and their transformations, operations with radicals and other algebraic expressions, solving simple equations; properties of geometric figures, properties of polygons, elementary probability, and the variability of data.

**Course Name: Integrated Advanced Algebra Support**

**Course Number:** 27.0810020

**Term:** Y

**Grade:** 9

**Prerequisites:** Passed Math 8, level 1 on CRCT, take with Integrated Advanced Algebra

**Description:** Students recommended for Integrated Advanced Algebra Support will complete this course concurrently with Integrated Advanced Algebra. The contents of this course supplement the Integrated Advanced Algebra curriculum and provide students with additional review of basic math skills. It serves as a medium for preview and review of material. This course is strongly suggested for students not meeting the standards set forth on the 8<sup>th</sup> grade math CRCT. It is also encouraged for students who narrowly met the standards, and for students who have historically struggled in the math classroom.

**Course Name: Accelerated Integrated Advanced Algebra Honors (AIAA)**

**Course Number:** 27.0910040

**Term:** Y

**Grade:** 9

**Prerequisites:** Passed Math 8A and level 3 on CRCT or passed Math 8 with 90+ and level 3 on CRCT

**Description:** Course objectives include operations with complex numbers, families of functions and their transformations, operations with radicals and other algebraic expressions, solving quadratic equations and inequalities, properties of geometric figures, properties of polygons, properties of circle and spheres, basic laws of probability, and the variability of data.

**Course Name:** Integrated Geometry

**Course Number:** 27.0820000

**Term:** Y

**Grade:** 10

**Prerequisites:** Passed Integrated Advanced Algebra

**Description:** Course objectives include families of functions (piecewise-defined, exponential, and quadratic), quadratic equations or inequalities of a single variable, inverse functions, special right triangles, trigonometric functions, properties of circles and spheres, inferences about population means and standard deviations, models to describe real-world data.

**Course Name:** Integrated Geometry Support

**Course Number:** 27.0450000

**Term:** Y

**Grade:** 10

**Prerequisites:** Passed Integrated Advanced Algebra with a 70 – 74, or took Integrated Advanced Algebra Support, take with Integrated Geometry

**Description:** Students recommended for Integrated Geometry Support will take this course concurrently with Integrated Geometry. This course will supplement the curriculum of the Integrated Geometry course and provide students with additional review in Algebra and Geometry skills. This course is strongly suggested for students scoring between a 70 and 74 in Integrated Advanced Algebra, or for students who were enrolled in Integrated Advanced Algebra Support in the 9<sup>th</sup> grade.

**Course Name:** Accelerated Integrated Geometry Honors

**Course Number:** 27.0920040

**Term:** Y

**Grade:** 10

**Prerequisites:** Passed Accelerated Integrated Advanced Algebra Honors

**Description:** Course objectives include families of functions (exponential, higher degree polynomial, logarithmic), inverse functions, solving higher degree equations or inequalities, operations and problem solving with matrices, special right triangles, trigonometric ratios, conic sections, inferences about population means and standard deviations, discrete random variables, normal distributions, differences between experimental and theoretical probabilities.

**Course Name:** Gifted Accelerated Integrated Geometry Honors

**Course Number:** 27.2920040

**Term:** Y

**Grade:** 9

**Prerequisites:** Passed Accelerated Integrated Advanced Algebra Honors; TAG Program; application/selection as content area for gifted participation

**Description:** Course objectives include families of functions (exponential, higher degree polynomial, logarithmic), inverse functions, solving higher degree equations or inequalities, operations and problem solving with matrices, special right triangles, trigonometric ratios, conic sections, inferences about population means and standard deviations, discrete random variables, normal distributions, differences between experimental and theoretical probabilities.

**Course Name:** Integrated Algebra II

**Course Number:** 27.0830000

**Term:** Y

**Grade:** 11

**Prerequisites:** Passed Integrated Geometry

**Description:** Course objects include families of functions (higher degree polynomial and logarithmic), solving higher-order equations or inequalities, operations and problem solving with matrices, relationships between lines and circles, conic sections, discrete random variables, differences between experimental and theoretical probabilities.

**Course Name:** Integrated Algebra II Support (*Subject to approval by the State*)

**Course Number:**

**Term:** Y

**Grade:** 11

**Prerequisites:** Passed Integrated Geometry with a 70 – 74, took Integrated Advanced Algebra or Integrated Geometry Support, take with Integrated Algebra II

**Description:** Students recommended for Integrated Algebra II Support will take this course concurrently with Integrated Algebra II. This course will supplement the curriculum of the Integrated Algebra II course and provide students with additional review in Algebra and Geometry skills. This course is strongly suggested for students scoring between a 70 and 74 in Integrated Advanced Algebra or Integrated Geometry, or for students who were enrolled in Integrated Advanced Algebra Support or Integrated Geometry Support.

**Course Name:** Accelerated Integrated PreCalculus Honors

**Course Number:** 27.0930040

**Term:** Y

**Grade:** 11

**Prerequisites:** Passed Accelerated Integrated Geometry Honors

**Description:** Course objectives include families of functions (rational and trigonometric), unit circle and trigonometric values, trigonometric identities, solving trigonometric equations, sequences and series, vectors, parametric/polar equations and curves, central limit theorem, margin of error and confidence intervals.

**Course Name:** Algebra II

**Course Number:** 27.0640000

**Term:** Y

**Grade:** 12

**Prerequisites:** Passed Algebra I and Geometry

**Description:** This course earns Tech Prep credit and College Prep credit. This course is intended for college bound students. Algebra II is an extension of Algebra I that emphasizes functions (such as linear, quadratic, polynomial, rational, exponential, and logarithmic functions). Irrational and complex number solutions will be explored. Graphing includes functions, inequalities, and systems of equations and inequalities. Additional topics include probability, statistics, sequences and series.

**Course Name:** Algebra III

**Course Number:** 27.0661000

**Term:** Y

**Grade:** 11 - 12

**Prerequisites:** Passed Algebra II

**Description:** This course is designed for the college bound student who needs to review the topics of Algebra II before taking Advanced Algebra & Trigonometry. Additional topics include matrices and trigonometry.

**Course Name:** Advanced Algebra/Trigonometry

**Course Number:** 27.0650000

**Term:** Y

**Grade:** 11 - 12

**Prerequisites:** 83+ Algebra II

**Description:** This course for college bound students enhances algebra skills and introduces trigonometry and its applications. Topics in this course will prepare students for higher-level courses such as Calculus. Emphasis is placed on real and complex numbers, vectors, matrices, sequences and series, probability, statistics, conic sections, functions and problem solving. The interrelationships of these concepts will be stressed.

**Course Name: Discrete Mathematics**

**Course Number:** 27.0690001

**Term:** S

**Grade:** 12

**Prerequisites:** Passed Algebra II as a Junior (Seniors only course)

**Description:** This course is designed for college-bound students. The concepts of matrices and matrix operations are introduced and related to problems in the real world. The Leontif Method of Input/Output for production, Markov Chains and game theory are used to further explore matrices. Graphic coloring, planar graphs and weighted graphs are investigated and explored. Problems involving counting and probability are introduced and solved.

**Course Name: Statistics**

**Course Number:** 27.0510001

**Term:** S

**Grade:** 12

**Prerequisites:** Discrete Math (Seniors only course)

**Description:** The statistics unit of this course will include problem solving using data collected through experimentation, computer simulations, and various sources. Students will model statistical methods, derive probabilities and make inferences. Applications in real-life situations will be presented. Misleading statistics will be evaluated and corrected.

**Course Name/Course Number:**

**Algebra II** 27.0610600\*

**Discrete Math/Statistics** 27.0690000\* *\*co-requisites; students must register for both courses*

**Term:** Y

**Grade:** 12

**Prerequisites:** Seniors Only, completion of Algebra 1 and Geometry, Double Period Block

**Description:** Two Carnegie units will be earned in one year for seniors taking this block class. The students will complete the entire year of Algebra II first semester, and the entire year of Discrete Math/Statistics second semester. See course descriptions above for Algebra II, Discrete Math, and Statistics.

**Course Name: Calculus**

**Course Number:** 27.0710000

**Term:** Y

**Grade:** 12

**Prerequisites:** 83+ Advanced Algebra/Trig or Passed PreCalculus Honors

**Description:** The topics covered in this course will include many of the topics in the Advanced Placement Calculus AB course. Students will not be required to take the AP test in Calculus. Topics include properties of functions and graphs, limits and continuity, differential calculus, and integral calculus.

**Course Name: AP Calculus AB**

**Course Number:** 27.0720010

**Term:** Y

**Grade:** 10 - 12

**Prerequisites:** AP Commitment Contract, 83+ Pre-Calculus Honors or 98+ Advanced Algebra/Trig

**Description:** This course follows the College Board syllabus for the AP exam and is a college level mathematics course. This course covers one semester of college calculus. Calculus is the mathematics of change and motion and the concepts are based on infinite process. AP Calculus examines problems in 4 ways: graphically, numerically, analytically, and in written expression. Topics include properties of functions and graphs, limits and continuity, differential calculus, and integral calculus. 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.

**Course Name: Advanced Placement Calculus BC****Course Number:** 27.0730010**Term:** Y**Grade:** 10 – 12**Prerequisites:** AP Commitment Contract, 93+ Pre-Calculus Honors

**Description:** This course follows the College Board syllabus for the AP exam and is a college level mathematics course. This course covers two semesters of college calculus. Calculus is the mathematics of change and motion and the concepts are based on infinite process. AP Calculus examines problems in 4 ways: graphically, numerically, analytically, and in written expression. Topics of AP Calculus AB are covered and additional topics covered in BC Calculus include vector functions, parametric equations, conversions, parametrically defined curves, tangent lines, sequences and series, integration techniques, and calculus of polar equations. All students enrolled in AP Calculus BC are required to take the AP Examination in May if they are passing this course prior to the AP Examinations.

**Course Name: Advanced Placement Statistics****Course Number:** 27.0740010**Term:** Y**Grade:** 12**Prerequisites:** AP Commitment Contract, Passed Advanced Algebra/Trig or Accelerated Integrated Geometry Honors 83+

**Description:** This course follows the College Board syllabus for the AP exam and is a college level mathematics course. The purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: (1) Exploring Data: observing patterns and departures from patterns (2) Planning a Study: Deciding what and how to measure (3) Anticipating Patterns: Producing models using probability and simulation (4) Statistical Inference: Confirming models. Students who do well in this class have very good problems solving skills and very good writing skills. It is important to understand that students must be able to explain their answers using arguments, graphs, and statistical skills that they will learn in the course. All students enrolled in AP Statistics are required to take the AP Examination in May if they are passing this course at the time of the exam.

**Course Name/Course Number:****College Calculus 2** 27.0750405\***College Calculus 3** 27.0750406\* *\*co-requisites; students must register for both courses***Term:** S**Grade:** 11 – 12**Prerequisites:** Juniors and Seniors; Calculus BC; **Acceptance to Georgia Tech**

**Description:** This course is taught by a Georgia Tech professor through the Distance Learning Lab. Students from several Fulton County High Schools become part of this Georgia Tech classroom through the use of technology. The Calculus 2 course concludes the treatment of single variable calculus, and begins linear algebra—the linear basis of the multivariable theory. The Calculus 3 course involves multivariable calculus: Linear approximation and Taylor's theorems, Lagrange multiples and constrained optimization, multiple integration and vector analysis including the theorems of Green, Gauss and Stokes.

**Course Name/Course Number:****SAT Prep** (35.0660001) Semester during regular school day**SAT Prep** (35.0660002) Semester during zero period**Term:** S**Grade:** 11 – 12**Prerequisites:** Juniors and Seniors, Completed or enrolled in Integrated Algebra II or higher

**Description:** Students receive intense practice and instruction in the areas of problem solving and advanced grammar. The course is team-taught by a mathematics and a language arts teacher. In addition to being taught during the school day, a section will be offered as a zero-period (before school) during the fall semester. Highly recommended for Juniors and fall semester Seniors.

## MENTORSHIP EXPERIENCES

**Course Name: Mentorship**

**Course Number:** 70.0110001

**Term:** Y

**Grade:** 12

**Prerequisites:** Seniors only; application; excellent attendance and discipline; must be able to provide transportation to mentorship site

**Description:** This course provides an opportunity for students to serve as mentors in a classroom setting at a local elementary school.

**Course Name: Peer Facilitation**

**Course Number:** 35.0410001

**Term:** S

**Grade:** 12

**Prerequisites:** Seniors only; application; excellent attendance and discipline required

**Description:** Participants assist in the school offices and must be able to interact with students and adults in a variety of settings. Students learn about different business processes and procedures.

**Course Name: Examining the Teaching Profession**

**Course Number:** 13.01100

**Term:** Y

**Grade:** 11 – 12

**Prerequisites:** Juniors/Seniors; 80 overall GPA or higher; no more than 10 days absent this year; no ISS/OSS this year; application process; must provide own transportation to elementary school mentoring site. ***Parking on campus is not guaranteed with enrollment in this class.***

**Description:** This course, through both a college-level textbook and hands-on approach, provides an opportunity for students to find out what it is really like to be a teacher. Participants will attend class at NHS and act as mentors in a classroom setting. Students interested in pursuing a career in teaching are highly encouraged to enroll in this course.

**Course Name: Business Internship 1A, 1B** - one (1A) or two periods (1A and 1B) (CBE Work Study)

**Course Number:** 07.0910000 (6<sup>th</sup> period) and 07.0920000 (5<sup>th</sup> period)

**Term:** Y

**Grade:** 10 – 12

**Prerequisites:** Juniors/Seniors only, Application process

**Description:**

The Business Internship program is designed to provide on-the-job training for students in the Business Procedures class. Students are released for periods five and six to receive hands-on learning through employment in a variety of office worksites. Students earn money while developing good business attitudes, work ethics, and new skills.

## MUSIC

**Course Name/Course Number:**

**Piano Lab I - A** 53.0941001

**Piano Lab I - B** 53.0941002

**Term:** Y

**Grade:** 9 – 12

**Prerequisites:** None

**Description:** Students learn to play the piano in a lab setting. No prior experience is required. Students will perform solo and ensemble materials as they study basic piano technique and music reading. An end of course recital is required as a gradable experience.

**Course Name/Course Number:**

**Guitar Lab I - A** 53.0841001

**Guitar Lab I - B** 53.0841002

**Term:** Y

**Grade:** 9 – 12

**Prerequisites:** None

**Description:** Students learn to play the guitar in a lab setting. No prior experience is required. Students will perform solo and ensemble materials as they study basic guitar technique and music reading. An end of course recital is required as a gradable experience.

**Course Name: Orchestra I, II, III, IV - String Orchestra**

**Course Number:** 53.0581000

**Term:** Y

**Grade:** 9 – 12

**Prerequisites:** Audition

**Description:** This performing ensemble is designed for all students who would like to have a string experience. The emphasis of instruction is on developing basic technique at both the individual and group levels. To foster learning we will study basic musical theory, musical reading, ear training, ensemble technique, posture, hand position, and rehearsal etiquette. Rehearsals and performances held outside of class time are considered as gradable experiences for the course.

**Course Name: Orchestra I, II, III, IV - Concert Orchestra**

**Course Number:** 53.0582000

**Term:** Y

**Grade:** 9 – 12

**Prerequisites:** Audition

**Description:** This performing ensemble is designed for those students who have prior string experience. The emphasis of instruction is on developing advanced technique at both the individual and group levels. To foster advanced learning we will continue our study of musical form, theory, ear training, ensemble repertoire, posture, positions, and full orchestra repertoire. Rehearsals and performances held outside of class time are considered as gradable experiences for the course.

**Course Name: Orchestra I, II, III, IV - Philharmonia Orchestra**

**Course Number:** 53.0583000

**Term:** Y

**Grade:** 9 – 12

**Prerequisites:** Audition

**Description:** This performing ensemble is designed for those students who have prior string experience. The emphasis of instruction is on developing advanced technique at both the individual and group levels. To foster advanced learning, we will continue our study of musical form, theory, ear training, ensemble repertoire, posture, positions, and full orchestra repertoire. Rehearsals and performances held outside of class time are considered gradable experiences for the course. Performance expectations for this ensemble are quite rigorous.

**Course Name: Orchestra I, II, III, IV - Chamber Orchestra**

**Course Number:** 53.0584000

**Term:** Y

**Grade:** 9 – 12

**Prerequisites:** Audition

**Description:** This performing ensemble is designed for students who have advanced techniques and musical skills. Emphasis is placed on refining personal and ensemble technique to better explore the richness of the orchestra tradition. Performance schedules feature local and regional engagements. Rehearsals and performances held outside of class time are considered as gradable experiences for the course.

**Course Name: Band I, II, III, IV – Chamber Band**

**Course Number:** 53.0381000

**Term:** Y

**Grade:** 9 – 12

**Prerequisites:** Audition

**Description:** This class provides students an opportunity to focus on basic skills and beyond. The group combines with Concert Band for performances and Large Group Performance Evaluation as well as conducting small ensemble performances of their own. Prerequisite: By Audition

**Course Name: Band I, II, III, IV – Concert Band**

**Course Number:** 53.0382000

**Term:** Y

**Grade:** 9 – 12

**Prerequisites:** 8<sup>th</sup> grade band or by audition

**Description:** This class provides students an opportunity to learn the fundamental techniques of performance and rehearsal in preparation for local and regional performances. Participation in the GMEA District Large Group Performance Evaluation formerly “Festival” is an essential component of Concert Band membership. Rehearsals and performances held outside of class time are considered as gradable experiences for the course.

**Course Name: Band I, II, III, IV – Symphonic Band**

**Course Number:** 53.0383000

**Term:** Y

**Grade:** 9 – 12

**Prerequisites:** Audition

**Description:** This class provides students an opportunity to learn the fundamental techniques of performance and rehearsal in preparation for local and regional performances. Participation in the GMEA District Large Group Performance Evaluation formerly “Festival” is an essential component of Concert Band membership. Rehearsals and performances held outside of class time are considered as gradable experiences for the course.

**Course Name: Band I, II, III, IV – Wind Ensemble**

**Course Number:** 53.0384000

**Term:** Y

**Grade:** 9 – 12

**Prerequisites:** Audition

**Description:** This class is an ensemble of advanced musicians who have demonstrated a high level of proficiency; this class deals with advanced technical and musical concepts. Participation in the GMEA District Large Group Performance Evaluation formerly “Festival” as well as various annual performances is required of all members. Rehearsals and performances held outside of class time are considered as gradable experiences for the course.

**Course Name: Advanced Mixed Chorus**

**Course Number:** 54.0231000

**Term:** Y

**Grade:** 9 – 12

**Prerequisites:** Audition or teacher recommendation

**Description:** An advanced ensemble that performs a wide variety of choral literature from classics to jazz. Music theory and sight-singing are taught. Rehearsals and performances held outside of class time are considered as gradable experiences for the course. Open to students in grades 9-12.

**Course Name/ Course Number:**

**Advanced Women’s Chorus**

54.0261000

**Advanced Unchanged Voices Select Women’s Choir**

54.0223000

**Term:** Y

**Grade:** 9 – 12

**Prerequisites:** Audition or teacher recommendation

**Description:** Advanced ensembles that perform a wide variety of choral literature from classics to jazz. Music theory and sight-singing are taught. Rehearsals and performances held outside of class time are considered as gradable experiences for the course. Open to students in grades 9-12.

**Course Name: Chamber Singers**

**Course Number:** 53.0751000

**Term:** Y

**Grade:** 9 – 12

**Prerequisites: Audition**

**Description:** An advanced ensemble, open by invitation to students having extensive choral music experience. Members of this ensemble are encouraged to audition for All-State Chorus each year. Continued study of music theory and sight-singing takes place with the learning of the music. Rehearsals and performances held outside of class time are considered as gradable experiences for the course.

**Course Name: Advanced Placement Music Theory**

**Course Number:** 53.0230010

**Term:** Y

**Grade:** 11 – 12

**Prerequisites:** AP Commitment Contract, Juniors/Seniors only

**Description:** This course will develop a student's ability to recognize, understand and describe the basic materials and processes of music that are heard or presented in a score. The student will develop aural, sight-singing, written, compositional, and analytical skills. These will be developed through listening exercises, performance, written exercises, creative exercises and analytical exercises. The course will instill mastery of the rudiments and terminology of music.

## SCIENCE

**Course Name: Biology**

**Course Number:** 26.0120000

**Term:** Y

**Grade:** 9

**Prerequisites:** None

**Description:** 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. An end of course test in biology is administered second semester to assess the progress of the students in the course. This test counts as the final exam for second semester and is 15% of the final grade. Biology is required for graduation.

**Course Name: Biology Honors**

**Course Number:** 26.0120040

**Term:** Y

**Grade:** 9

**Prerequisites:** 85+ Advanced Science or 95+ in on-level Science **and** 85+ in Math 8A or 95+ in Math 8 or enrolled in higher level of math

**Description:** 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. An end of course test in biology is administered second semester to assess the progress of the students in the course. This test counts as the final exam for second semester and is 15% of the final grade. Biology is required for graduation.

**Course Name: Gifted Biology Honors**

**Course Number:** 26.2120040

**Term:** Y

**Grade:** 9

**Prerequisites:** Biology Honors prerequisites **and** enrolled in TAG Program; application/selection as content area for gifted participation

**Description:** 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. An end of course test in biology is administered second semester to assess the progress of the students in the course. This test counts as the final exam for second semester and is 15% of the final grade. Biology is required for graduation.

**Course Name: Physical Science****Course Number:** 40.0110000**Term:** Y**Grade:** 10**Prerequisites:** Completed Biology **and**  $\leq 80$  Integrated Advanced Algebra**Description:** Current understanding of the atom; nature, classification, and naming of matter; characteristics and components of radioactivity; arrangement of the Periodic Table; phases of matter and molecular motion; properties of solutions; transformations and flow of energy; force, mass, and motion; properties of waves; properties of electricity and magnetism.**Course Name: Physical Science Honors****Course Number:** 40.0110040**Term:** Y**Grade:** 10**Prerequisites:** Completed Biology **and**  $> 80$  or  $< 85$  Integrated Advanced Algebra**Description:** Current understanding of the atom; nature, classification, and naming of matter; characteristics and components of radioactivity; arrangement of Periodic Table; phases of matter and molecular motion; gas laws, properties of solutions; transformations and flow of energy; force, mass, and motion; properties of waves; properties of electricity and magnetism, science research project.**Course Name: Chemistry****Course Number:** 40.0510000**Term:** Y**Grade:** 10 - 12**Prerequisites:** 85+ Biology or  $< 80$  Biology Honor or 85+ Physical Science **and** 85+ Integrated Advanced Algebra (or enrolled in higher level of math)**Description:** Topics covered will include the nature of matter and its classifications; atomic theory and the characteristics of atoms; the effects the motion of atoms and molecules have in chemical and physical processes; the organization of the periodic table and how to use it to predict properties of elements; how atoms combine to make chemicals and then recombine in chemical reactions; factors that can affect chemical reactions; characteristics of acids, bases, and solutions; other topics as time allows. Chemistry students should have strong algebra and problem solving skills and a firm grasp of the scientific method and its application.**Course Name: Chemistry Honors****Course Number:** 40.0510040**Term:** Y**Grade:** 10 - 12**Prerequisites:** 80+ Biology H or 95+ Biology **and** 90+ Integrated Advanced Algebra (IAA) or enrolled in higher level of math**Description:** Skills needed for this course are the ability to apply past learning to new concepts; the demonstration of abstract and higher level thinking; the ability to perform algebraic manipulations easily; the ability to read critically; self-motivation; and experience in writing formal lab reports. Topics covered in this year long course are characteristics of science, the nature and classification of matter, stoichiometry, conservation of matter, the atom, the atomic theory, the periodic table, and reaction rates. Honors Chemistry students are required to complete an in-depth, individual literature review during the first semester. Prerequisite: Teacher recommendation.**Course Name: Physics****Course Number:** 40.0810000**Term:** Y**Grade:** 11-12**Prerequisites:** 80+ Chemistry, completed Chemistry H; concurrent enrollment with Integrated Algebra II or higher**Description:** Physics extends the physical sciences to more abstract concepts including interactions of matter and energy, velocity, acceleration, forces, energy, momentum, thermodynamics, charge, electricity, magnetism, waves, light, optics, and subatomic physics. The subject is treated both conceptually and mathematically. Concepts are investigated through laboratory experiences and fieldwork designed for students to develop appropriate knowledge and skills in science as inquiry. Prerequisite: Teacher recommendation.

**Course Name: Environmental Science****Course Number:** 26.0611000**Term:** Y**Grade:** 11 - 12**Prerequisites:** Completed Biology & Physical Science or Biology & Physics or < 80 chemistry**Description:** Integrates the study of many components of our environment including: human population growth and cultural revolutions, advent of environmental concerns, fossil fuels, nuclear and alternative energies, air pollution and conservation, soil erosion and conservation, waste disposal and management, cycling of Earth's resources, interactions in biosystems. Instruction focuses on student data collection and analysis and interpretation of data gathered on global concepts.**Course Name: Human Anatomy and Physiology****Course Number:** 26.0730000**Term:** Y**Grade:** 11 - 12**Prerequisites:** 80+ in Biology and Chemistry; Completed Physical Science or Enrolled in/Completed Physics**Description:** This year-long course is an in-depth study of the human body. Students investigate the systems of the body in detail and the class is valuable for students interested in allied health careers, psychology, and physical education. Students are expected to dissect animals. Prerequisite: 80+ in Biology and Chemistry**Course Name: Human Anatomy and Physiology Honors****Course Number:** 26.0730040**Term:** Y**Grade:** 11 - 12**Prerequisites:** 80+ in Biology and Chemistry; Completed Physical Science or Enrolled in/Completed Physics**Description:** This year-long course explores the systems comprising the human body by emphasizing physiological mechanisms and a thorough understanding of human anatomy. An emphasis is placed on the interrelatedness of such systems as the skeletal, muscular, nervous, and circulatory. This course is intended for the student who is interested in advanced competency in medical science. Students are expected to dissect animals.**Course Name: Astronomy****Course Number:** 40.0210000**Term:** Y**Grade:** 11 - 12**Prerequisites:** Completed Bio and Physical Science or Chemistry & Physics; completed Integrated Geometry**Description:** This course will provide the student with an introduction to the phenomenon (energy and materials) outside of the earth's atmosphere, including the earth/moon system, the solar system and star systems, the Milky Way and galactic systems, and the universe as a whole. Concepts of modern astronomy, the origin and history of the Universe and the formation of the Earth and the solar system will also be studied. Students will compare the Earth's properties with those of the other planets and explore how the heavens have influenced human thought and action. Although largely descriptive, the course will occasionally require the use of sophomore-high level mathematics.**Course Name: Organic Chemistry Honors****Course Number:** 40.0520041**Term:** S**Grade:** 11 - 12**Prerequisites:** Completed Chemistry H or 80+ Chemistry; enrolled in/completed Physics**Description:** Organic Chemistry is a one semester honors course designed to provide a hands-on, lab-oriented approach to the following topics: Review of Chemical Reactions, Introduction to Carbon Chemistry, Aliphatic and Aromatic Hydrocarbons, Halocarbons, Alcohols, Ethers, Esters, Aldehydes, Ketones and Carboxylic Acids. A research paper is a required component of the course.

**Course Name: Biochemistry Honors**

**Course Number:** 40.0520042

**Term:** S

**Grade:** 11 - 12

**Prerequisites:** Completed Chemistry H or 80+ Chemistry and Organic Chemistry; enrolled in/completed Physics

**Description:** Biochemistry is a one semester course which follows Organic Chemistry. This course is also a hands-on lab- oriented approach to the following topics: Review of Organic Nitrogen Compounds, Amines and Amides, Carbohydrates, Lipids, Amino Acids and Proteins, Enzymes, Nucleic Acids, Hormones, Vitamins and Minerals, Homeostasis and Metabolism. A research paper is required of this honors course.

**Course Name: Earth Systems**

**Course Number:** 40.0640000

**Term:** Y

**Grade:** 11 - 12

**Prerequisites:** Completed Biology & Physical Science or Biology & Physics or < 80 chemistry

**Description:** Earth Systems Science is designed to investigate the connections among Earth's systems through Earth history. These systems—the atmosphere, hydrosphere, geosphere, and biosphere—interact through time to produce the Earth's landscapes, ecology, and resources. This course develops the explanations of phenomena fundamental to the sciences of geology and physical geography, including the early history of the Earth, plate tectonics, landform evolution, the Earth's geologic record, weather and climate, and the history of life on Earth.

**Course Name: AP Biology**

**Course Number:** 26.0140010

**Term:** Y

**Grade:** 11 - 12

**Prerequisites:** 85+ Biology H/Chemistry H or 95+ Biology/Chemistry; Enrolled in/Completed Physics; Complete AP Commitment Contract

**Description:** This course is designed to be the equivalent of a college introductory biology course usually taken by biology majors. The goal of this course is to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. Topics include molecules and cells, heredity and evolution, and organisms and populations. In addition, extensive laboratory work is required that demonstrates a student's mastery of laboratory science skills and knowledge. The AP examination devotes 90 minutes to multiple-choice questions and 90 minutes to four essays.

**Course Name: AP Environmental Science**

**Course Number:** 26.0620010

**Term:** Y

**Grade:** 11 - 12

**Prerequisites:** 85+ in Biology & Chemistry; Completed Physical Science or Enrolled in/Completed Physics; AP Commitment Contract

**Description:** This course provides students with an overview of ecosystems and how they work, the human population, major global problems, energy resources and pollution, sustaining biodiversity and ecological integrity. In addition, extensive laboratory work is required that demonstrates a student's mastery of laboratory science skills and knowledge.

**Course Name:** AP Chemistry

**Course Number:** 40.01100004

**Term:** Y

**Grade:** 11 - 12

**Prerequisites:** 85+ Chemistry H or 95+ Chemistry and 90+ Integrated Geometry; Enrolled in/Completed Physics; AP Commitment Contract

**Description:** This course provides students the opportunity to attain a depth of understanding of fundamentals and a reasonable competence to deal with chemical problems. The course also develops the students' abilities to think clearly and to express their ideas, orally and in writing, with clarity and logic. An extensive laboratory experience, equivalent to that of a college course, is provided for all Advanced Placement Chemistry students. The AP Chemistry Exam consists of two main parts. The first part of the exam constitutes 50% of the final grade and covers broad factual knowledge. The second part constitutes 50% of the final grade and requires the student to demonstrate reasoning abilities by the application of chemical principles to problem solving learned in the laboratory and in the classroom. The AP examination devotes 90 minutes to multiple-choice questions and 95 minutes to free response problems, short essays, and chemical reactions.

**Course Name:** AP Physics B

**Course Number:** 40.0830010

**Term:** Y

**Grade:** 11 - 12

**Prerequisites:** 85+ in Chemistry H or 95+ Chemistry; 90+ Integrated Geometry; 85+ Physics; AP Commitment Contract

**Description:** This course provides a systematic introduction to the main principles of physics and emphasizes the development of problem solving ability. In most colleges, this is a one-year terminal course including a laboratory component and is not the usual preparation for more advanced physics and engineering courses. However, the B course provides a foundation in physics for students in the life sciences, pre-medicine, and some applied sciences, as well as other fields not directly related to science. The Physics B exam covers topics in mechanics, electricity and magnetism, fluid mechanics and thermal physics, waves and optics, and atomic and nuclear physics.

**Course Name:** AP Physics C - Mechanics

**Course Number:**

**Term:** S

**Grade:** 12

**Prerequisites:** 85+ AP Physics B or 95+ Physics, enrolled in AP Calculus; AP Commitment Form

**Description:** This course is the first of two parts of the college sequence that serves as the foundation in physics for students majoring in the physical sciences or engineering. Methods of calculus are used wherever appropriate in formulating physical principles and in applying them to physical problems. The sequence is more intensive and analytic than that in the B course. Strong emphasis is placed on solving a variety of challenging problems. The Physics C exams correspond to the Physics C course sequence.

**Course Name:** AP Physics C - Electricity & Magnetism

**Course Number:**

**Term:** S

**Grade:** 12

**Prerequisites:** Completion of Physics C; AP Commitment Contract

**Description:** Electromagnetism, oscillations, gravitation, electrostatics and magnetostatics, electric current and circuits, capacitance and capacitors, sound, light, modern physics. Methods of calculus are used wherever appropriate in formulating physical principles and in applying them to physical problems. The sequence is more intensive and analytic than that in the B course. Strong emphasis is placed on solving a variety of challenging problems. The Physics C exams correspond to the Physics C course sequence.

## SOCIAL STUDIES

**Course Name: American Government/Civics**

**Course Number:** 45.0570001

**Term:** Semester

**Grade:** 9

**Prerequisites:** *None*

**Description:** This course focuses on the political structure and decision-making process in the United States at the national level. It will also address citizenship and help develop the students' problem-solving skills. The course will include specific facts, basic concepts, analytical questions and generalizations associated with the U.S. Constitution, federal government, democracy, politics, laws, two party system, international affairs, and rights and responsibilities of citizens. Students will be required to gain a working knowledge of the political system of the United States and to understand their role as active participants in the formation of public policy.

**Course Name: World History**

**Course Number:** 45.0830000

**Term:** Y

**Grade:** 10

**Prerequisites:** *None*

**Description:** World History, a year long course, traces the development of civilization from the earliest mankind to present day. Students will identify the basic elements of all civilizations and follow the transition from ancient to the advanced. Important geography skills, recognition of patterns and connections, and critical thinking skills will be addressed in this curriculum. A strong emphasis is placed on relating historical events to current conditions of the world. Throughout the school year, students will gain a global perspective of events that contributed to present day society.

**Course Name: Advanced Placement World History**

**Course Number:** 45.0811010

**Term:** Y

**Grade:** 10

**Prerequisites:** Sophomore, AP Commitment Contract required, 90+ in Honors Language Arts and 90+ in American Government/Civics

**Description:** While offered in the tenth grade, this is a college-level course and is taught with appropriate expectations. Students should have higher-level analytical skills and a strong commitment to maintaining the study time and self-discipline required of an AP course. This global approach to world history compares numerous societies, their cultures, and the ways they impact major historical periods. Extensive reading including a summer reading assignment prior to beginning the course, document analysis, and essay writing are important components of this course. Students take the three-hour College Board Exam in May. It consists of 70 multiple-choice questions, 2 free-response essays, and one document-based essay.

**Course Name: United States History**

**Course Number:** 45.0810000

**Term:** Y

**Grade:** 11

**Prerequisite:** World History

**Description:** United States History is organized chronologically but also focuses on the themes of the American democratic heritage, growth of the American nation, and global interdependence. In the first semester, connections are made with enduring social, economic, and political issues in the context of the exploration, settlement, emergence of the Constitutional freedoms. Second semester's focus includes the United States emergence as a world power and then a super power. The role of United States in the modern world and the country's global interdependence is covered in this course. A state mandated End of Course Test (ECOT) is given at the end of the course.

**Course Name: Advanced Placement U.S. History**

**Course Number:** 45.0820010

**Term:** Y

**Grade:** 11

**Prerequisites:** Junior, AP Commitment Contract required, 85+ in Honors Language Arts and World History

**Description:** Using a college-level textbook, this course traces the history of the major issues involved in the founding and development of the United States. Students will do extensive reading, including a summer reading assignment prior to beginning the course. Analysis of documents, discussions, and essay writing are major components of the course. Students take the three-hour College Board Exam in May. It consists of multiple-choice questions and essays, one of which is a document-based essay.

**Course Name: Economics**

**Course Number:** 45.0610001

**Term:** Semester

**Grade:** 12

**Prerequisite:** World History, United States History

**Description:** Economics is a one semester, senior level course that is required for graduation. The survey course of the U.S. economic system covers fundamentals of the market economy, micro-economics, macro-economics, and international and personal finance. Comparison of economic models and graphic analysis are included. There is a state mandated End of Course Test (EOCT) at the end of the semester.

**Course Name: Advanced Placement Macroeconomics**

**Course Number:** 45.0620011

**Term:** Y

**Grade:** 12

**Prerequisites:** Senior, AP Commitment Contract required, 85+ in previous Social Studies course

**Description:** This college-level course fulfills core curriculum graduation requirements for 0.5 credits for Economics. Students study the structure of the economy as a whole, with emphasis on topics such as: national income accounting; economic performance measures; and international economics. Students will take the EOCT End-of-Course Test during the final part of the semester if this is the only economics course being taken. If the student takes the EOCT, a “graded experience project” will replace the final exam. Students also take the College Board Exam in May. The exam consists of two sections: a 70-minute multiple-choice section, and a 50-minute essay section. If this course is taken during the first semester, students will meet with the teacher for review in April, prior to the May College Board Exam.

**Course Name: Advanced Placement Microeconomics**

**Course Number:** 45.0630011

**Term:** Y

**Grade:** 12

**Prerequisites:** Senior, AP Commitment Contract required, 85+ in previous Social Studies course

**Description:** This college-level course fulfills core curriculum graduation requirements for 0.5 credits for Economics. In contrast to AP Macroeconomics, which “studies the forest,” AP Microeconomics “studies the trees.” Students study specific economic units such as an individual industry, a firm, or a household. Topics include the functioning of individuals in the marketplace, including the function of product markets, factor markets, and the role of the government in such processes. Students will take the EOCT End of Course Test during the final part of the semester if this is the only economics course being taken. If the student takes the EOCT, a “graded experience project” will replace the final exam. Students also take the College Board Exam in May. The exam consists of two sections: a 70-minute multiple-choice section, and a 50-minute essay section. If this course is taken during the first semester, students will meet with the teacher for review in April, prior to the May College Board Exam.

**Course Name: College Economics** - Fall only (*provided on the Northview campus by Georgia Perimeter College*)

**Course Number:** 45.0610409

**Term:** S

**Grade:** 12

**Prerequisites:** Seniors; acceptance to GPC

**Description:** This is an introductory course in macroeconomics (**ECON 2105/Principles of Macroeconomics**). It introduces students to concepts that will enable them to understand and analyze economic aggregate and evaluate economic policies. The areas of fiscal policy, monetary policy, social goals, monetary systems, national income, employment, inflation, and economic growth are included.

*Prerequisite: Seniors; acceptance to GPC*

**Course Name: Sociology**

**Course Number:** 45.0310003

**Term:** Semester

**Grade:** 11 – 12

**Prerequisites:** *None*

**Description:** Sociology is the scientific study of human social interaction. Students will use current readings and class discussions to explore such topics as social groups; social institutions-family, education, religion, economy and government; social stratification and inequality; deviance; collective behavior and social change.

**Course Name: Advanced Placement Government/Politics U.S.**

**Course Number:** 45.0520011

**Term:** Y

**Grade:** 9, 11 - 12

**Prerequisites:** AP Commitment Form; Juniors and Seniors; Freshmen - 85+ H or 95+ regular 8<sup>th</sup> Grade Lang Arts; TAG Program & selection as content area **-or-** 85+ H or 95+ regular 8th Grade Lang Arts; 90+ in 8th Grade Social Studies; Social Studies & Lang Arts Teacher Recommendations

**Description:** This one-semester, introductory college-level course gives students an analytical perspective on government and politics in the United States. It includes both the study of general concepts used to interpret US government and politics and the analysis of specific examples. It requires familiarity with the various institutions, groups, beliefs, and ideas that constitute US government and politics. Students will prepare for taking the College Board Exam given in May consisting of multiple-choice and free-response essays. May be substituted for American Government/Civics credit

**Course Name: Advanced Placement Government/Politics Comparative**

**Course Number:** 45.0530011

**Term:** Y

**Grade:** 11 - 12

**Prerequisites:** Junior/Senior, AP Commitment Contract required, 85+ in previous Social Studies course

**Description:** This one-semester, introductory college-level course compares world governments, focusing on Great Britain, Russia/the former Soviet Union, China, Mexico, Nigeria, and Iran. Using analytical methods, students develop an understanding of typical patterns of political processes and behavior and their consequences; compare and contrast political institutions and processes across countries and to derive generalizations; analyze and interpret basic data relevant to comparative government and politics. Students will prepare for taking the College Board Exam given in May consisting of multiple-choice and free-response essays.

**Course Name: Advanced Placement European History**

**Course Number:** 45.0840010

**Term:** Y

**Grade:** 12

**Prerequisites:** Senior, AP Commitment Contract required, 85+ in Honors Language Arts and World History

**Description:** This in-depth, college-level course covers European history from the 14<sup>th</sup> century to the present. Extensive reading including a summer reading assignment prior to beginning the course, document analysis, and essay writing are important components of this course. Students take the three-hour College Board Exam in May. It focuses on three themes: political-diplomatic issues, social-economic issues, and intellectual-cultural issues; and it consists of 70 multiple-choice questions, 2 free-response essays, and one document-based essay

**Course Name: Advanced Placement Human Geography****Course Number:** 45.0770010**Term:** Y**Grade:** 11 – 12**Prerequisites:** Junior/Senior, AP Commitment Contract required, 85 minimum average**Description:** This in-depth course focuses on the cultures, practices, and contributions of various countries and their cultures. As they learn about humankind's relationship with its environment, students study about such topics as: population patterns; cultural similarities and differences; political boundaries; urban growth; and the modern agricultural revolution. If this course is taken during the first semester, students will meet with the teacher for review in April, prior to the May College Board Exam.**Course Name: Advanced Placement Psychology****Course Number:** 45.0160010**Term:** Y**Grade:** 11 – 12**Prerequisites:** Junior/Senior, AP Commitment Contract required, 85+ in previous Social Studies course**Description:** This course introduces students to the systematic and scientific study of behavior and mental processes of human beings and other animals. Students learn about the major subfields of psychology including research methodology; the biological basis of behavior; sensation and perception; learning; cognition; motivation and emotion; developmental psychology; personality; intelligence; and abnormal psychology. Psychology is a multi-disciplinarian subject. It is both a science and a social science. The various units of study require that students be able to understand concepts from both a science and social science perspective. Students are required to complete a research project.

## STUDY SKILLS

**Course Name: Academic and Life Skills****Course Number:** 35.0510001**Term:** S**Grade:** 11 – 12**Prerequisites:** Juniors and seniors; Offered first semester**Description:** This class is open to all sophomores and juniors, but is required if the student has failed two or more classes in the previous semester. The course will focus on implementing some of the same strategies, but will be geared more to preparing our students for post-secondary options.**Course Name: Freshman Focus****Course Number:** 35.0610001**Term:** S**Grade:** 9 – 10**Prerequisites:** Freshmen and sophomores; Offered second semester**Description:** This class is open to all freshmen, but is required if the student has failed two or more classes in the previous semester. The course will focus on increasing student's study skills through improving their organizational, note-taking, communication, comprehension, time management, and test taking strategies.

## TALENTED AND GIFTED (TAG)

**Course Name/Course Number:****Gifted Participation - 9** 70.2330008**Gifted Participation - 10** 70.2330009**Gifted Participation - 11** 70.2340008**Gifted Participation - 12** 70.2340009**Term:** Y**Grade:** 9 – 12**Prerequisites:** TAG Eligibility**Description:** The TAG Program has numerous participation options for gifted students including seminars, individual projects, TAG Directed Studies, TAG Career Internships, and Advanced Placement courses. Seminar participants' schedules will have "TAG Participation" listed merely as an indication that they are registered for the program; there is not an actual daily seminar class. Students will receive seminar schedules from their TAG advisors.

**Course Name/Course Number:****TAG Directed Study I-A** 70.2320001**TAG Directed Study I-B** 70.2320002**TAG Directed Study II-A** 70.2330001**TAG Directed Study II-B** 70.2330002**TAG Directed Study III-A** 70.2340001**TAG Directed Study III-B** 70.2340002**Term:** S**Grade:** 11 – 12**Prerequisites:** Students must complete an application and have it approved by the department prior to the semester in which the Directed Study is being requested.**Description:** The Directed Study option allows TAG students to develop their own course of study. Students plan the content of the course, projects to be produced, and the methods of evaluation to be used. Each course of study must include a minimum of twelve gradable experiences. Students work with a TAG teacher who directs their study.**Course Name/Course Number:****TAG Internship I-A** 70.2210001**TAG Internship I-B** 70.2210002**TAG Internship II-A** 70.2220001**TAG Internship II-B** 70.2220002**Term:** S**Grade:** 11 – 12**Prerequisites:** *POD, TAG Seminar: "Inside Link to the Outside World."* Students must be able to provide their own transportation to the internship site.**Description:** This course provides an on-site, mentor study opportunity for TAG students with a post-college career interest in fields such as accounting, advertising, architecture, banking, engineering, journalism, law, medicine, veterinary medicine, etc. Students are placed with a professional in their field of choice to earn course credit.

## WORLD LANGUAGES

Two years of language study is required for the College Prep High School Diploma for the Class of 2011. 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: Chinese I****Course Number: 62.0110000****Term:** Y**Grade:** 9 – 12**Prerequisites:** None**Description:** Beginning level Chinese is designed to introduce students to the Chinese language and the culture of Chinese-speaking peoples. Students will use the four language skills listening, speaking, reading and writing to attain proficiency and the ability to communicate in Chinese. Major topics include: Introduction to Chinese characters and pronunciation; greetings, family & friends; numbers/telling time & calendar dates; school information, daily routines; foods & clothing; holidays & festivals; Chinese culture. Major Materials: *Ni Hao China Soft*, 2003.**Course Name: Chinese II****Course Number: 62.0120000****Term:** Y**Grade:** 9 – 12**Prerequisites:** Chinese I or Placement Test**Description:** Chinese 2 emphasizes oral fluency and expects distinct growth in vocabulary and sentence patterns for functional use. Major topics include: Chinese pronunciation and introduction to Chinese characters; family & friends, city / transportation; school information, daily routines; Invitation and visiting, weather / seasons, making purchases; eating at restaurant and home, ordering a meal; holidays & festivals and Chinese culture. Major Materials: *Ni Hao China Soft*, 2003.

**Course Name: Chinese II Honors**

**Course Number: 62.0120040**

**Term: Y**

**Grade: 9 – 12**

**Prerequisites:** 90 in Chinese I

**Description:** Chinese 2 Honors emphasizes oral fluency and expects distinct growth in vocabulary and sentence patterns for functional use, at an accelerated pace. Major topics include: Chinese pronunciation and introduction to Chinese characters; family & friends, city / transportation; school information, daily routines; health: check up and hospital; weather / seasons; post office; making purchases; ordering a meal; holidays & festivals; Chinese culture. Major Materials: *Ni Hao China Soft, 2003.*

**Course Name: Chinese III**

**Course Number: 62.0130000**

**Term: Y**

**Grade: 10 – 12**

**Prerequisites:** Chinese II

**Description:** Chinese 3 emphasizes advanced structures of the language through a thorough practice in reading, writing, speaking and listening. Major topics include: Chinese character, pronunciation; time & weather; family & friends / relationships; food and restaurants; money & shopping; school & education; daily and leisure-time activities; service & repairs; clothing & personal appearances; transportation; vacation & travel and Chinese culture. Major Materials: *Ni Hao China Soft, 2003.*

**Course Name: Chinese III Honors**

**Course Number: 62.0130040**

**Term: Y**

**Grade: 10 – 12**

**Prerequisites:** 90 in Chinese II or 85 in Chinese II Honors

**Description:** Chinese 3 Honors emphasizes advanced structures of the language through a thorough practice in reading, writing, speaking and listening, at an accelerated pace. Major topics include: Chinese character & pronunciation; time & weather; family & friends / relationships; food and restaurants; money & shopping; school & education; daily and leisure-time activities; service & repairs; clothing & personal appearances; transportation; vacation & travel and Chinese culture. Major Materials: *Ni Hao China Soft, 2003.*

**Course Name: Chinese IV**

**Course Number: 62.0140000**

**Term: Y**

**Grade: 11 – 12**

**Prerequisites:** Chinese III

**Description:** **Chinese 4** is conducted mainly in Chinese and emphasizes a high level of facility of advanced structures of the language through intensive in reading, writing, speaking and listening. Skills will be demonstrated and assessed via a variety of activities including, but not limited to, essays, skits, projects, web activities and video/audio recordings. This course is geared to prepare students for the higher level of a Chinese Language course. Major topics include: Chinese Culture and perspective; daily life of Chinese teenagers; hobbies and personal events: sites of interests and entertainment; Chinese society; geography and population; the generation gap; travel and transportation; climate and transportation; holidays; current events; children's literary themes; visual arts; current events. Major Materials: *Ni Hao China Soft, 2003.*

**Course Name: Chinese IV Honors**

**Course Number: 62.0140040**

**Term: Y**

**Grade: 11 – 12**

**Prerequisites:** 90 in Chinese III, 85 in Chinese III Honors

**Description:** **Chinese 4 Honors** is conducted entirely in Chinese and emphasizes a high level of facility of advanced structures of the language through intensive, fast-paced practice in reading, writing, speaking and listening. Skills will be demonstrated and assessed via a variety of activities including, but not limited to, essays, skits, projects, web activities and video/audio recordings. This course is geared to prepare students for the rigors of the AP Chinese Language course. Major topics include: Chinese culture and perspective; daily life of Chinese teenagers; hobbies and personal events: sites of interests and entertainment; Chinese society; geography and population; the generation gap; travel and transportation; climate and transportation; holidays; current events; children's literary themes; visual arts; literary selections; current events. Major Materials: *Ni Hao China Soft, 2003.*

**Course Name: Advanced Placement Chinese Language and Culture**

**Course Number:** 60.0196010

**Term:** Y

**Grade:** 11 – 12

**Prerequisites:** Placement Test and Completion of an AP Commitment Contract

**Description:** The class will prepare students for the College Board examination in the Chinese Language. It is based on Mandarin Chinese. Major Topics include: awareness & appreciation of the elements of the Chinese culture; various aspects of contemporary Chinese society, including geography & population, ethnic & regional diversity, travel & transportation, climate & weather, holidays & food, sports & games, and current affairs. Major Materials: Integrated Chinese Level 2.

**Course Name: French 1**

**Course Number:** 60.0110000

**Term:** Y

**Grade:** 9 – 12

**Prerequisites:** None

**Description:** Beginning level French is designed to introduce students to the French language and the culture of French-speaking peoples. Students will use the four language skills listening, speaking, reading and writing to attain proficiency and the ability to communicate in French. Major topics include: Introduction to the French alphabet and French pronunciation; familiar words and phrases; greetings; family & friends; numbers & time; days of the week & dates; weather/seasons; food/meals; city life; shopping; leisure time activities; French culture. Major Materials: *Discovering French Bleu*, McDougall Littell, 2004.

**Course Name: French 2**

**Course Number:** 60.0120000

**Term:** Y

**Grade:** 9 – 12

**Prerequisites:** French 1

**Description:** French 2 emphasizes oral fluency and expects distinct growth in vocabulary and sentence patterns for functional use. Major topics include: French pronunciation; money & shopping; school & education; daily activities & house duties; jobs & professions; nature & environment; leisure activities; health; sports & transportation; French culture. Major Materials: *Discovering French Blanc*, McDougall Littell, 2004.

**Course Name: French 2 Honors**

**Course Number:** 60.0120040

**Term:** Y

**Grade:** 9 – 12

**Prerequisites:** 92 in French 1

**Description:** This course continues emphasis on oral proficiency and fluency, increases emphasis on reading comprehension in the language and on controlled composition, and expects distinct growth in vocabulary and sentence patterns for functional use. Major topics include: money & shopping; school & education; daily activities, house duties; jobs & professions; leisure activities; nature & environment; medical/dental care; sports & transportation; clothing & personal appearance; French culture. Major Materials: *Discovering French Blanc*, McDougall Littell, 2004 *Images deux*, McDougall Littell, 1996.

**Course Name: French 3**

**Course Number:** 60.0130000

**Term:** Y

**Grade:** 11 – 12

**Prerequisites:** Successful Completion of French 2

**Description:** French 3 emphasizes advanced structures of the language through a thorough practice in reading, writing, speaking and listening. Major topics include: time & weather; family & friends / relationships; food and restaurants; money & shopping; school & education; daily and leisure-time activities; service & repairs; clothing & personal appearances; transportation; vacation & travel; art and music; Francophone culture. Major Materials: *Discovering French Rouge*, McDougall Littell, 2004.

**Course Name: French 3 Honors****Course Number:** 60.0130040**Term:** Y**Grade:** 11 – 12**Prerequisites:** Grade of 88+ in Level 2 Honors, or 95+ in French 2 On-Level.**Description:** French 3 Honors emphasizes advanced structures of the language through intensive, fast-paced practice in reading, writing, speaking and listening. Major topics include: time & weather; family & friends / relationships; food and restaurants, money & shopping; school & education; daily & leisure time activities; describing oneself, service & repairs, clothing & personal appearances, transportation; vacation & travel, creation of a class newspaper or magazine utilizing the topics listed above; French culture.**Major Materials:** *Discovering French Rouge*, McDougall Littell, 2004; *Cyrano De Bergerac* Film Arobic, Inc., 1990; Selected Novels.**Course Name: French 4****Course Number:** 60.0140000**Term:** Y**Grade:** 11 – 12**Prerequisites:** Successful Completion of French 3**Description:** French 4 is an advanced course designed for students continuing from French 3. Student skills will be demonstrated and assessed via a variety of activities including, but not limited to, essays, skits, projects, web activities and video/audio recordings. Major topics include: Travel; current affairs; music; culture segments; careers; writing enhancement; relationships; French culture; francophone world. **Major Materials:** *Quant a moi* Thompson Learning, 2000; Selected French Literature.**Course Name: French 4 Honors****Course Number:** 60.0140040**Term:** Y**Grade:** 11 – 12**Prerequisites:** Grade of 88+ in Level 3 Honors, or 95+ in French 3 On-Level.**Description:** French 4 Honors is conducted entirely in French and emphasizes a high level of facility of advanced structures of the language through intensive, fast-paced practice in reading, writing, speaking and listening. Skills will be demonstrated and assessed via a variety of activities including, but not limited to, essays, skits, projects, web activities and video/audio recordings. This course is geared to prepare students for the rigors of the AP French Language course. Major topics include: Children's literary themes; visual arts; literary selections; current events; daily life; writing enhancement; French culture.**Major Materials:** *Literature Moderne Du Monde Francophone* McGraw Hill, 1998 *Premiers Poemes* McGraw Hill, 1998 *Bravo* – Thompson Learning, 2002 Selected Novels**Course Name: French 5 Honors****Course Number:** 60.0160040**Term:** Y**Grade:** 11 – 12**Prerequisites:** Successful Completion of French 4**Description:** This course integrates a systematic review of concepts learned in the first four years of French. Continued emphasis is placed upon communicative skills and cultural information. Major topics include: Careers; music; film and theater; art; various kinds of media; French culture. **Major Materials:** *Sur le vif* Thompson Learning, 2001 *Selected French Skills for Literature Reprise* McGraw Hill, 1997.**Course Name: Advanced Placement French Language****Course Number:** 60.0170010**Term:** Y**Grade:** 12**Prerequisites:** 88+ in French IV Honors and Completion of an AP Commitment Contract**Description:** The AP French Language Course is a grammar-intensive course which prepares students for the Advanced Placement exam offered by the College Board. Students work to improve both oral and written language production through continuous speaking, composition, listening and reading practice. Major topics include: Formal and informal spoken French; various forms of printed texts; written communication; audio response; cultural and current themes. **Major Materials:** *A.P. French: A Guide for the Language Course*, Addison/Wesley - Scott, Foresman, 1998 *Une Fois Pour Toutes*, Addison/Wesley-Scott, Foresman, 1993

**Course Name: German I**  
**Course Number:** 61.0110000  
**Term:** Y  
**Grade:** 9 – 12

**Prerequisites: None**

**Description:** Beginning level German is designed to introduce students to the German language and the culture of German-speaking peoples. Students will use the four language skills listening, speaking, reading and writing to attain proficiency and the ability to communicate in German. Major topics include: German pronunciation; greetings, alphabet & numbers; family & house; days of the week & time; youth activities & school life; weather & shopping; ordering food; special occasions; hobbies & sports; German culture. Major Materials: *Komm mit! 1* HRW, 2003.

**Course Name: German II**  
**Course Number:** 61.0120000  
**Term:** Y

**Grade:** 10 – 12

**Prerequisites:** German I or Placement Test

**Description: German 2** emphasizes oral fluency and expects distinct growth in vocabulary and sentence patterns for functional use. Major topics include: Greetings & festivals; transportation & driving; vacations & restaurant, living; accommodations, metric system; postal services & telecommunications; German culture. Major Materials: *Komm mit! 2* HRW, 2003.

**Course Name: German II Honors**  
**Course Number:** 61.0120040

**Term:** Y

**Grade:** 10 – 12

**Prerequisites:** 92 in German I

**Description: German 2 Honors** emphasizes oral fluency and expects distinct growth in vocabulary and sentence patterns for functional use, at an accelerated pace. Major topics include: Greetings & festivals; transportation & driving; vacations & restaurant, living; accommodations, metric system; postal services & telecommunications; German culture. Major Materials: *Komm mit! 2* HRW, 2003.

**Course Name: German III**  
**Course Number:** 61.0130000  
**Term:** Y

**Grade:** 10 – 12

**Prerequisites: German II**

**Description: German 3** emphasizes advanced structures of the language through a thorough practice in reading, writing, speaking and listening. Major topics include: Offer & accept gifts, inquire about prices & travel arrangements; obtain information, identify people; sequence events & express wishes; describe daily routines; inquire about details, ask & give directions, express preferences /politeness, describe talents & abilities and current situations German Culture. Major Materials: *Komm mit! 3* HRW, 2003.

**Course Name: German III Honors**  
**Course Number:** 61.0130040

**Term:** Y

**Grade:** 10 – 12

**Prerequisites: 92 in German II, 85 in German II Honors**

**Description: German 3 Honors** emphasizes advanced structures of the language through a thorough practice in reading, writing, speaking and listening, at an accelerated pace. Major topics include: Offer & accept gifts, inquire about prices & travel arrangements; obtain information, identify people; sequence events & express wishes; describe daily routines; inquire about details, ask & give directions, express preferences /politeness, describe talents & abilities and current situations; project & process, landscapes; develop & support an argument; propose solutions to problems; compare cultural trends over time; creation of a class newspaper or magazine; German culture. Major Materials: *Komm mit! 3* HRW, 2003.

**Course Name: German IV**  
**Course Number: 61.0150000**

**Term: Y**

**Grade: 11 – 12**

**Prerequisites: German III**

**Description: German 4** emphasizes a strong level of facility of some advanced structures of the language through reading, writing, speaking and listening. Skills will be demonstrated and assessed via a variety of activities including, but not limited to, essays, skits, projects, web activities and video/audio recordings. Major topics include: Germany & the EU market family, life & celebrations. Major Materials: *Dreimal Deutsch* EMC, 2000.

**Course Name: German IV Honors**

**Course Number: 61.0150040**

**Term: Y**

**Grade: 11 – 12**

**Prerequisites: 92 in German III; 85 In German III Honors**

**Description: German 4 Honors is conducted entirely in German** and emphasizes a high level of facility of advanced structures of the language through intensive, fast-paced practice in reading, writing, speaking and listening. Skills will be demonstrated and assessed via a variety of activities including, but not limited to, essays, skits, projects, web activities and video/audio recordings. This course is geared to prepare students for the rigors of the AP German Language course. Major topics include: Children's literary themes, visual arts, literary selections current events, daily life, writing enhancement German culture. Major Materials: *Deutsche Sagen Und Legenden* McGraw-Hill, 1998.

**Course Name: Advanced Placement German Language**

**Course Number: 61.0170010**

**Term: Y**

**Grade: 11 – 12**

**Prerequisites: 85 or above in German 3H and AP Commitment Contract**

**Description:** The AP German course is an intensive course which prepares students for the College Board's AP exam, and is usually considered the equivalent of one year of college study. Students work on all aspects of the language to improve their comprehension skills as well as oral and written production. Specific topics of study are at the discretion of the teacher.

**Course Name: Latin I**

**Course Number: 61.0410000**

**Term: Y**

**Grade: 9 – 12**

**Prerequisites: None**

**Description:** Latin I focuses on reading comprehension through written and oral exercises. Students memorize and read simplified Latin. The course sharpens the understanding of English vocabulary by the study of Latin world elements. Students begin the study of culture, mythology and Roman history. Major topics: Latin pronunciation, geography of the ancient world; Latin stories: episodes of a Roman family; Roman culture & history, derivatives. Major Materials: *Cambridge Latin 1* Cambridge University Press, 2001 *Cambridge Latin 2* Cambridge University Press, 2002.

**Course Name: Latin II**

**Course Number: 61.0420000**

**Term: Y**

**Grade: 9 – 12**

**Prerequisites: Latin I**

**Description:** This course continues the study of history, culture and mythology and vocabulary development. It emphasizes how the ancient Roman language and civilization have influenced Western Language and civilization. Students continue the ability to read and comprehend more complex structure and sentences. Translation and reading skills are stressed. Major Topics: Latin pronunciation, geography of the ancient world; Latin stories: continuing episodes of a Roman Family, Roman culture & history, derivatives. Major Materials: *Cambridge Latin 3* Cambridge University Press, 2003.

**Course Name: Latin II Honors****Course Number:** 61.0420040**Term:** Y**Grade:** 9 – 12**Prerequisites:** 90+ in Latin I

**Description:** This accelerated course continues the study of history, culture and mythology and vocabulary development. It emphasizes how the ancient Roman language and civilization has influenced Western Language and civilization. Students continue the ability to read and comprehend more complex structure and sentences. Translation and reading skills are stressed. Major Topics: Latin pronunciation, derivatives, geography of the ancient world Latin stories: Roman culture & history; \*Honor students are expected to translate additional original Latin works and recite selected notable Latin sayings. *Cambridge Latin 3* Cambridge University Press, 2003.

**Course Name: Latin III Roman History Honors****Course Number:** 61.0430040**Term:** Y**Grade:** 10 – 12**Prerequisites:** Latin II

**Description:** In this course students read real, unedited passages by Roman authors; identify major historical events, personalities, and social conventions of the late republic and early empire, Cicero and his life, Caesar and the Roman army Augustus Caesar. Major topics: The Kings of Rome, the Early Republic and the establishment of the principate; Rome as a world power, the last years and fall of the Republic; principate of Augustus, emperors and empire. Major Materials: *Fabulae Romanae/ Intermediate Prentice Hall, 1993 Cicero & Sallust Longman Inc., 1990.*

**Course Name: Latin III Roman Myths Honors****Course Number:** 61.0430040**Term:** Y**Grade:** 10 – 12**Prerequisites:** Latin II

**Description:** In this course the major topics are: Selected mini-myths from the AENEID; myths from Ovid: Baucis & Philemon, Acis, Galatea & Polyphemus; Narcissus and Echo; Deucalion & Pyrrha, Daedalus and Icarus Atalanta, Niobe, etc. Major Materials: *Love and Transformation- An Ovid Reader Addison Wesley, 1995 Selections from Latin Poetry by Carr & Wedeck*

**Course Name: Advanced Placement Latin Vergil****Course Number:** 61.0470010**Term:** Y**Grade:** 11 – 12**Prerequisites:** 85 or above Roman History or Roman Myths and Completion of an AP Commitment Contract

**Description:** The basic objective of this course is progress in reading, understanding, and interpreting original Latin works. Students are expected to translate accurately the literature they are reading from Latin into English and to demonstrate a grasp of the grammatical structure and vocabulary used by the author. Also included in the course work is a study of the political, social and cultural background of the work being read. The examination devotes 40-55 minutes to multiple-choice questions on Latin sight-reading and 65- 80 minutes to brief essays on required reading per course.

**Course Name: Spanish I****Course Number:** 60.0710000**Term:** Y**Grade:** 9 – 12**Prerequisites:** None

**Description:** This beginning level Spanish course is designed to introduce students to the Spanish language and culture of Spanish-speaking peoples. Students will use the four language skills listening, speaking, reading and writing to attain proficiency and ability to communicate in Spanish. Major Topics: Spanish pronunciation, greetings & common expressions, family & school, time, shopping/purchases, food/meals & celebrations, house/locations, beach activities, leisure time activities, transportation, Spanish culture. Major Materials: *En español 1* McDougal Littell, 2004.

**Course Name: Spanish II**

**Course Number: 60.0720000**

**Term: Y**

**Grade: 9 – 12**

**Prerequisites: Spanish I**

**Description:** The objective of this course is to continue development in the five basic skills of communication in Spanish: listening, comprehension, reading, speaking, and writing in order to promote an appreciation and understanding of the Spanish-speaking people, their culture and civilization. Major Topics include: Spanish pronunciation, greetings & introductions, conversational starters, shopping, food/meals, celebrations, house/neighborhood, beach activities, weather; school, leisure time activities, travel, Spanish culture. Major Materials: *En español 2* McDougal Littell, 2004.

**Course Name: Spanish II Honors**

**Course Number: 60.0720040**

**Term: Y**

**Grade: 9 – 12**

**Prerequisites: 92 in Spanish I**

**Description:** This course continues development in the five basic skills of communication in Spanish at an accelerated pace; listening, understanding, reading, speaking and writing in order to promote an appreciation and understanding of the Spanish-speaking people, their culture and civilization. Major Topics: Spanish pronunciation, greetings & introductions, conversational starters, shopping & food/meals, celebrations & travel, house/neighborhood, leisure time & beach activities, weather & school, creating a video program utilizing the topics listed above; Spanish culture. Major Materials: *En español 2* McDougal Littell, 2004 *La Catrina La Novela*, Addison Wesley, 1998.

**Course Name: Spanish III**

**Course Number: 60.0730000**

**Term: Y**

**Grade: 10 – 12**

**Prerequisites: Spanish II**

**Description:** This course integrates a systematic review of first and second year concepts with third year materials. Continued emphasis on communicative skills is stressed. Integration of cultural information pertaining to the designated topics of this course occurs in skill areas where appropriate. Major topics: Spanish pronunciation, vacations & hobbies, health & diet, urban life & culture/music, geography & politics/citizenship, clothing & celebrations, occupations, job search/interviews, trade & industry of Latin America, Spanish culture. Major Materials: *En español 3* McDougal Littell, 2004.

**Course Name: Spanish III Honors**

**Course Number: 60.0730040**

**Term: Y**

**Grade: 10 – 12**

**Prerequisites: 95 in Spanish II or 88 in Spanish II Honors**

**Description:** This course integrates material and skills from Spanish 1 and 2 with the new third year concepts and vocabulary, at an accelerated pace. Integration of cultural information pertaining to the designated topics occurs where appropriate. Major topics: Weekend activities & vacations, healthful eating & applying for a job, personal interests and hobbies; geography & culture; clothing & celebrations; music of the youth; Spanish influence in North America; Spanish art and handcrafts; trade and industry of Latin America; students participate in and create additional communicative activities based on the unit topics which require additional target language research; creation of a class newspaper utilizing the topics listed above; Spanish culture. Major Materials: *En español 3* McDougal Littell, 2004, *La Catrina El Ultimo Secreto*, Addison Wesley, 1998.

**Course Name: Spanish IV**  
**Course Number: 60.0740000**  
**Term: Y**  
**Grade: 11 – 12**

**Prerequisites:** Spanish III

**Description:** This course integrates a systematic review of first year concepts with the new second year material. Continued emphasis on communicative skills is stressed, integration of cultural information pertaining to the designated topics of this course occurs in skill areas where appropriate. Major topics: Current affairs, pop music, culture segments, careers, writing enhancement. Major Materials: *Destinos*, McDougal Littell, 1991 *Interacciones*, Thompson Learning, 2002 *Infórmate con CNN*, Thompson Learning, 2003 *Leyendas Mexicanas*, McGraw-Hill, 1996.

**Course Name: Spanish IV Honors**  
**Course Number: 60.0740040**  
**Term: Y**  
**Grade: 11 – 12**

**Prerequisites:** 88 in Spanish III Honors

**Description:** This advanced level Spanish course is designed to help students master the four language skills listening, speaking, reading and writing while learning about the culture of the Spanish speaking world. Cultural information pertaining to the topics of this course is included where appropriate. Music and art from Spanish speaking countries are included and some literature will be introduced. The topical content provides a springboard for communication practice and the incorporation of supplemental materials. Major topics: Children's literary themes, visual arts, literary selections, current events, daily life, writing enhancement. Major Materials: *Abriendo Paso Grammatica*, McGraw Hill, 2002 *SAT Spanish 9<sup>th</sup> Edition*, Barrons, 1977 *Pasajes Literatura*, McGraw Hill, 2002 *Leyendas Mexicanas* McGraw Hill, 1996.

**Course Name: Spanish V Honors**  
**Course Number: 60.0750040**  
**Term: Y**  
**Grade: 11 – 12**

**Prerequisites:** Spanish IV

**Description:** This course integrates a systematic review of first through fourth year concepts. Continued emphasis on communication skills is stressed, and integration of cultural information pertaining to the designated topics of this course occurs in skill areas where appropriate. Emphasis is placed on sharpening speaking, listening, reading and writing skills in preparation for college placement.

**Course Name: Advanced Placement Spanish Language**  
**Course Number: 60.070010**  
**Term: Y**  
**Grade: 11 – 12**

**Prerequisites:** 88 or above in Spanish IV H and Completion of an AP Commitment Contract

**Description:** The AP Spanish Language course covers the equivalent of a third-year college course in advanced Spanish writing and conversation. It encompasses aural/ oral skills, reading comprehension, grammar, and composition. Students taking such a course emphasize the use of Spanish for active communication. The course content might best reflect intellectual interests shared by the student and teacher the arts, history, current events, literature, culture, sports, etc. Materials might include recordings, films, newspapers,- and magazines. The course seeks to develop language skills that are useful in themselves and that can be applied to various activities and disciplines rather than to the mastery of any specific subject matter. Extensive training in the organization and writing of compositions is an integral part of the AP Spanish Language course. Major Materials: *Abriendo Paso Lectura*, McGraw Hill, 2001 *A.P. Spanish: A Guide for the Language Course*, Longman, *Repaso*, 1997 McGraw Hill *Una Vez Mas*, Longman, 1993.

## Zero Period Courses

**Course Name:** SAT Prep

**Course Number:** 35.0660002

**Term:** S

**Grade:** 11 – 12

**Prerequisites:** Juniors and Seniors, Completed or Enrolled in Integrated Algebra II or higher

**Description:** Students receive intense practice and instruction in the areas of problem solving and advanced grammar. The course is team taught by a mathematics and a language arts teacher. In addition to being taught during the school day, a section will be offered as a zero-period (before school) during the fall semester. Highly recommended for seniors for fall semester and juniors for spring semester

??

for more information or assistance, please contact

Clair Greenaway, Department Chair of Counseling

[greenawayc@fultonschools.org](mailto:greenawayc@fultonschools.org)

770-497-3828 ext. 134

Bobby Macris, Curriculum Scheduler

[macris@fultonschools.org](mailto:macris@fultonschools.org)

770-497-3828 ext. 130

Counseling Office: 770-497-3828 ext. 131

Counseling Fax: 770-497-3840

Main Office: 770-497-3828

General Fax: 770-497-3844