

# NORTHVIEW HIGH SCHOOL

## 2022 – 2023 Course Catalog

**This is a read-only resource. If you have questions, please see a teacher or counselor.**

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# NORTHVIEW HIGH SCHOOL COURSE OFFERINGS 2022-2023

**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. All courses for the 22-23 school year will be semester long, but students will remain with the same teacher when possible.
- 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 complete an 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.

**Current teachers will make all recommendations for students they teach, including AP courses.**

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

Computer #	Language Arts	Term	Credit	Prerequisite and Grade Level (bold)
23.0610001 23.0610002	9 <sup>th</sup> Grade Lit/Comp	Y	1.0	None; <b>9</b>
23.2610041 23.2610042	9 <sup>th</sup> Grade Lit/Comp Honors	Y	1.0	85+ unweighted Lang Arts 8 Advanced or 95+ regular 8 <sup>th</sup> grade Language Arts; recommendation from Grade 8 Language Arts teacher; <b>9</b>
23.0620001 23.0620002	10 <sup>th</sup> Grade Lit/Comp	Y	1.0	9 <sup>th</sup> Grade Lit/Comp; <b>10</b>
23.2620041 23.2620042	10 <sup>th</sup> Grade Lit/Comp Honors	Y	1.0	85+ unweighted Honors; 95+ regular 9 <sup>th</sup> Grade Lit/Comp; <b>10</b>
23.0510001 23.0510002	11 <sup>th</sup> Grade American Lit/Comp	Y	1.0	10 <sup>th</sup> Grade Lit/Comp; <b>11</b>
23.0510041 23.0510042	11 <sup>th</sup> Grade American Lit/Comp Honors	Y	1.0	85+ unweighted Honors or 95+ regular in 10 <sup>th</sup> Grade Lit/Comp; <b>11</b>
23.2530011 23.2530012	AP English Lang and Comp/ American Lit	Y	1.0	Teacher Recommendation / Placement 85+ unweighted 10 Honors or 95+ 10 <sup>th</sup> Grade Lit/Comp; <b>11</b>
23.0520001 23.0520002	British Lit/Comp	Y	1.0	11 <sup>th</sup> Grade American Lit/Comp; <b>12</b>
23.0670001 23.0670002	Multicultural Lit/Comp	Y	1.0	11 <sup>th</sup> Grade American Lit/Comp; <b>12</b>
23.0340041 23.0340042	Advanced Composition Honors	Y	1.0	11 <sup>th</sup> Grade American Lit/Comp; <b>12</b>

23.2650001 23.2650002	AP English Literature & Composition	Y	1.0	Teacher Recommendation / Placement 85+ unweighted AP Lang or 90+ unweighted Honors or 95+ on-level American Literature; <b>12</b>
23.0310001	Writer's Workshop	S	0.5	Elective; <b>11-12</b>
23.0320001 23.0320002	Journalism/Newspaper I	Y	1.0	Application; 85+ cumulative avg; 85+ LA; See Ms. Evans - Room 539; <b>9-12</b>
23.0330001 23.0330002	Journalism/Newspaper II	Y	1.0	Newspaper I; advisor permission; See Ms. Evans - Room 539; <b>11-12</b>
23.0350001 23.0350002	Journalism/Newspaper III	Y	1.0	Newspaper II; advisor permission; See Ms. Evans - Room 539; <b>11-12</b>
23.0320003 23.0320004	Journalism/Yearbook I	Y	1.0	Application; 85+ cumulative avg; 85+ LA; See Mr. Rawlin – room 503; <b>10-12</b>
23.0330003 23.0330004	Journalism/Yearbook II	Y	1.0	Yearbook I; advisor permission; See Mr. Rawlin – room 503; <b>11-12</b>
23.0350003 23.0350004	Journalism/Yearbook III	Y	1.0	Yearbook II; advisor permission; See Mr. Rawlin – room 503; <b>11-12</b>
23.0360003 23.0360004	Journalism/Yearbook IV	Y	1.0	Yearbook 111; advisor permission; See Mr. Rawlin – room 503; <b>12</b>
23.0320005 23.0320006	Journalism/Literary Magazine I	Y	1.0	Application; 85+ cumulative avg; 85+ LA; see Ms. Pope – room 509; <b>10-12</b>
23.0330005 23.0330006	Journalism/Literary Magazine II	Y	1.0	Literary Magazine I; advisor permission; See Ms. Pope – room 509; <b>11-12</b>
23.0350005 23.0350006	Journalism/Literary Magazine III	Y	1.0	Literary Magazine II; advisor permission; See Ms. Pope – room 509; <b>11-12</b>
23.0360005 23.0360006	Journalism/Literary Magazine IV	Y	1.0	Literary Magazine III; advisor permission; See Ms. Pope – room 509; <b>12</b>
23.0460001	Speech/Forensics I	S	0.5	None; <b>9-12</b>
23.0470001	Speech/Forensics II	S	0.5	Permission of advisor; See Mr. Waters – room 540; Course may be repeated; <b>10-12</b>
23.0210001	Mythology	S	0.5	Elective; <b>10-12</b>
35.0660001	SAT Prep during 0 period, 7:15 – 8:05 each day. \$70 Per Student	S	0.5	Elective; completed or enrolled in 11 <sup>th</sup> Lit; <b>11-12, (10th)</b> spring semester only - if seats available
<b>Computer #</b>	<b>Mathematics</b>	<b>Term</b>	<b>Credit</b>	<b>Prerequisite and Grade Level</b>
27.0990001 27.0990002	GSE Algebra 1	Y	1.0	Math 8A 70 – 87; Math 8O 70 – 97; <b>9</b>
27.1997001 27.1997002	GSE Algebra 1Support	Y	1.0	Passed Math 8 with 70-75 and/or enrolled in ABE Math 8 for two quarters - take with GSE Algebra1 ; Course is required, no waivers permitted; <b>9</b>
27.0994041 27.0994042	Accelerated GSE Algebra 1/Geometry A Honors	Y	1.0	88+ Math 8A, 98+ Math 8 O level; NO Waivers permitted for 8 O level students. Must have a final grade of 98 to take the accelerated course from level 8 O; <b>9</b>

27.0991001 27.0991002	GSE Geometry	Y	1.0	Passed GSE Algebra 1; <b>10</b>
27.1998001 27.1998002	GSE Geometry Support	Y	1.0	Course is highly recommended for students who passed GSE Algebra 1 with 70 - 75, all students who took GSE Algebra Support. Support course taken along with GSE Geometry; <b>10</b>
27.0995041 27.0995042	Accelerated GSE Geometry B/ Algebra 2 Honors	Y	1.0	83+ unweighted GSE Accelerated Algebra 1/Geometry A Honors; <b>10</b>
27.0992001 27.0992002	GSE Algebra 2	Y	1.0	Passed GSE Algebra 1 and GSE Geometry; GSE Accelerated Geometry/Alg 2 Honors with an unweighted 70-77 <b>11</b>
27.1999001 27.1999002	GSE Algebra 2 Support	Y	1.0	Course is highly recommended for students who passed GSE Geometry with 70 - 78, all students who took GSE Algebra 1 Support or GSE Geometry Support. Course taken along with GSE Algebra 2; <b>11</b>
27.0977041 27.0977042	Accelerated GSE Precalculus Honors	Y	1.0	83+ unweighted GSE Accelerated Geometry B/Algebra 2 Honors; Students may not take Accelerated PreCalculus from on-level Geometry or Algebra 2. Students who wish to accelerate must take GSE Accelerated Geometry over the summer to be eligible. <b>11</b>
27.0974001 27.0974002	GSE Precalculus	Y	1.0	Passed GSE Algebra 2 with an 85 or higher; Passed Accel Geo B/Alg 2 with an unweighted 78 – 82. No student enrolled in GSE Algebra 2 Support should be enrolled in GSE Precalculus. <b>12</b>
27.0780001 27.0780002	Calculus	Y	1.0	Passed Accelerated GSE Precalculus Honors; Passed GSE Precalculus with an 80+. <b>12</b>
27.1850001 27.1850002	Advanced Mathematical Decision Making	Y	1.0	All students enrolled in GSE Algebra 2 Support will be placed in AMDM. Passed GSE Algebra 2 with an 84 or below; <b>12</b>
27.2720001 27.2720002	AP Calculus – AB	Y	1.0	Teacher Recommendation / Placement 83+ unweighted GSE Accel Precalculus Honors; Passed GSE Precalculus with a 95+; Passed Calculus <b>10-12</b>

27.2730001 27.2730002	AP Calculus – BC	Y	1.0	Teacher Recommendation / Placement 93+ unweighted GSE Accel Precalculus Honors; <b>10-12</b>
27.2740001 27.2740002	AP Statistics	Y	1.0	Teacher Recommendation / Placement 83+ unweighted GSE Accelerated Geometry Honors; 93+ GSE Algebra 2; 83+ unweighted GSE Accelerated Precalculus Honors Concurrent Enrollment with GSE Precalculus; <b>11-12</b>
27.0750405	<b>College Calculus 2*</b> <b>(students must register for both classes)</b>	S	1.0	AP Calculus BC; distance learning with GA Tech; acceptance to GA Tech; <b>11-12</b>
27.0750406	<b>College Calculus 3*</b> <b>(students must register for both classes)</b>	S	1.0	College Calculus 2 distance learning with GA Tech; <b>11-12</b>
35.0660001	SAT Prep during 0 period, 7:15 – 8:05 each day. \$70 Per Student	S	0.5	Elective; completed or enrolled in GPS Algebra 2; <b>11-12, (10)</b> spring semester only - if seats available
<b>Computer #</b>	<b>Science</b>	<b>Term</b>	<b>Credit</b>	<b>Prerequisite and Grade Level</b>
26.0120001 26.0120002	Biology	Y	1.0	None; <b>9</b>
26.0120041 26.0120042	Biology Honors	Y	1.0	88+ Advanced Science or 95+ On- level Science; <b>9</b>
40.0110001 40.0110002	Physical Science	Y	1.0	Completed Biology <b>and</b> ≤ 83 GSE Algebra 1 or enrolled in Algebra 1 Support (all Alg 1 Support students to Physical Science if Bio has been completed); <b>10-12</b>
40.0510001 40.0510002	Chemistry	Y	1.0	88+ Biology or 80+ unweighted Bio H; or 85+ Physical Science <b>and</b> 83+ GSE <b>Algebra 1 or 80+ in Geometry H</b> (or enrolled in higher level of math with a grade of 80+); <b>10-12</b>
40.0510041 40.0510042	Chemistry Honors	Y	1.0	88+ unweighted in Bio H or 95+ Bio <b>and</b> 80+ Accelerated GSE Alg 1/Geom Honors OR 90+ in GSE Geom H OR 95+ GSE Alg 1 (or enrolled in higher level of math with a grade of 80+) <b>10-12</b>
40.0810001 40.0810002	Physics	Y	1.0	75+ Chemistry, completed Chemistry H <b>and</b> 80+ GSE Geometry; <b>11-12</b>
26.0611001 26.0611002	Environmental Science	Y	1.0	Completed Biology & Physical Science or Biology & Physics or <75 Chemistry; <b>11-12</b>

26.0730001 26.0730002	Human Anatomy/Physiology	Y	1.0	80+ in Biology and Physical Science or Chemistry; <b>11-12 If you have taken Essentials of Healthcare you already have credit for this course and may not take Human Anatomy.</b>
26.0730041 26.0730042	Human Anatomy/Physiology Honors	Y	1.0	85+ in Biology and Chemistry or 80+ unweighted Bio H and Chem H; <b>11-12</b>
40.0210001 40.0210002	Astronomy	Y	1.0	Completed Bio and Physical Science or Chem & Physics; completed GPS Geometry; <b>11-12</b>
26.0710001 26.0710002	Zoology	Y	1.0	Completed Bio & Environmental Science OR Bio & Physics or <80 Chemistry; <b>11-12</b>
26.2140001 26.2140002	AP Biology	Y	1.0	Teacher Recommendation / Placement <b>10<sup>th</sup> Grade Prerequisites:</b> unweighted 93+ in Honors Biology and 90+ in current math and language arts courses. 10 <sup>th</sup> graders must be concurrently enrolled in chemistry or honors chemistry to be eligible. <b>11<sup>th</sup> and 12<sup>th</sup> prerequisites:</b> 85+ unweighted Biology H or 95+ Biology; 85+ unweighted Chemistry H or 95+ Chemistry; <b>10-12</b>
26.2620001 26.2620002	AP Environmental Science	Y	1.0	Teacher Recommendation / Placement 88+ in Biology & Chemistry; 80+ unweighted Biology H, Chemistry H; 90+ in current math and language arts courses. <b>11-12</b>
40.2530001 40.2530002	AP Chemistry	Y	1.0	Teacher Recommendation / Placement 85+ unweighted Chemistry H or 95+ Chemistry and 90+ GSE Algebra 2 or higher math <b>11-12</b>
40.2831001 40.2831002	AP Physics 1	Y	1.0	Teacher Recommendation / Placement 85+ unweighted Chemistry H or 95+ Chem; 90+ GSE Alg 2 or higher math; 85+ Physics; <b>May be taken in lieu of Physics 11-12</b>
40.2841001	AP Physics C – Mechanics	S	0.5	Teacher Recommendation / Placement 85+ unweighted AP Physics 1, enrolled in AP Calculus; <b>12</b>
40.2842002	AP Physics C – Electricity & Magnetism	S	0.5	Teacher Recommendation / Placement 85+ unweighted AP Physics 1, enrolled in AP Calculus; <b>12</b>
40.0930001 40.0930002	Forensic Science	Y	1.0	80+ in Biology, Chemistry, or Physics; <b>12</b>
<b>Computer #</b>	<b>Social Studies</b>	<b>Term</b>	<b>Credit</b>	<b>Prerequisite and Grade Level</b>

45.0570001	American Government / Civics	S	0.5	None; <b>9 - Required for Graduation</b>
45.0830001 45.0830002	World History	Y	1.0	None; <b>10-12 Required for Graduation</b>
45.0810001 45.0810002	US History	Y	1.0	World History; <b>11-12 – Required for Graduation</b>
45.0610001	Economics	S	0.5	None; <b>Required for Graduation; 12</b>
45.2811001 45.2811002	AP World History	Y	1.0	Teacher Recommendation / Placement 90+ in American Government/Civics OR 83+unweighted AP Gov't or AP Human Geography & 90+ in Lit/Comp or 83+ unweighted 9 <sup>th</sup> Lit H <b>10 – Required for Graduation in lieu of regular World History</b>
45.2820001 45.2820002	AP US History	Y	1.0	Teacher Recommendation / Placement 90+ World History; 83+ unweighted AP World 90+10 <sup>th</sup> Lit/Comp; 85+ unweighted 10 <sup>th</sup> Lit/Comp H; <b>11 – Required for Graduation in lieu of regular US History</b>
45.2840001 45.2840002	AP European History	Y	1.0	Teacher Recommendation / Placement 90+ World History; 83+ unweighted AP World/US; 90+10 <sup>th</sup> Lit/Comp; 85+ unweighted 10 <sup>th</sup> Lit/Comp H; <b>11-12</b>
45.2620002 45.2630001	AP Macroeconomics AP Microeconomics	Y	1.0	Teacher Recommendation / Placement 90+ US History; 83+ unweighted AP US Hist; 90+ GSE Alg 2 or 83+ unweighted Accel GSE Pre Calc H; <b>12 – Required for Graduation in lieu of regular Economics</b>
45.2160001 45.2160002	AP Psychology	Y	1.0	Teacher Recommendation / Placement 90+ in US/World History or 83+ unweighted AP World/AP US History; and 90+ in Biology or 83+ unweighted in Honors/AP Biology; <b>11-12</b>
45.2770001 45.2770002	AP Human Geography	Y	1.0	Teacher Recommendation / Placement 90+ in previous Social Studies Course; 83+unweighted AP World /US History; <b>Freshman pre-requisite 88+ in 8<sup>th</sup> Grade History and 88+ in Advanced Language Arts - No Waivers for 9<sup>th</sup> graders; 9-12</b>
45.2530001	AP Government/Politics Comparative	S	0.5	Teacher Recommendation / Placement 90+ in previous Social Studies; 83+ unweighted AP World/AP US History; <b>10-12</b>
45.2520002	AP Government/Politics U.S.	S	0.5	Teacher Recommendation / Placement 90+ in previous Social Studies; 83+ unweighted AP World/AP US History; <b>10-12</b>

45.2520001 45.2520002	AP Government / Politics U.S. Freshman ONLY course	Y	1.0	88+ in 8 <sup>th</sup> Grade History, 88+ in Advanced. Teacher recommendation only – no waivers – <b>9<sup>th</sup> ONLY</b> for yearlong course. <b>9</b>
45.0310001	Sociology	S	0.5	Elective; <b>11-12</b>
45.0130002	Tech in Society / Film & Culture	S	0.5	Elective; <b>11-12</b>
45.0812001	US History in Film	S	0.5	Elective; <b>11-12</b>
45.0120001	Current Issues / Events	S	0.5	Elective; <b>11-12</b>
45.0150001 45.0150002	Psychology	S	0.5	Elective; <b>11-12</b>
<b>Computer #</b>	<b>World Languages</b>	<b>Term</b>	<b>Credit</b>	<b>Prerequisite and Grade Level</b>
62.0110001 62.0110002	Chinese I	Y	1.0	None; <b>9-12</b>
62.0120001 62.0120002	Chinese II	Y	1.0	Chinese I; <b>9-12</b>
62.0120041 62.0120042	Chinese II Honors	Y	1.0	93+ in Chinese 8; 97+ Chinese I (HS) <b>and</b> teacher recommendation; <b>9-12</b>
62.0130001 62.0130002	Chinese III	Y	1.0	80+ Chinese II or II H; <b>10-12</b>
62.0130041 62.0130042	Chinese III Honors	Y	1.0	88+ unweighted Chinese II H; no waivers permitted from on-level class <b>10-12</b>
62.0140041 62.0140042	Chinese IV Honors	Y	1.0	88+ unweighted Chinese III H; no waivers permitted from on-level class <b>11-12</b>
62.0150041 62.0150042	Chinese V Honors	Y	1.0	80+ Chinese IV H; <b>12</b>
62.0196001 62.0196002	AP Chinese Language and Culture	Y	1.0	88+ unweighted Chinese IV H <b>or</b> Placement test; <b>and</b> teacher recommendation; <b>11-12</b>
60.0110001 60.0110002	French I	Y	1.0	None; <b>9-12</b>
60.0120001 62.0120002	French II	Y	1.0	French I; <b>9-12</b>
60.0120041 60.0120042	French II Honors	Y	1.0	93+ in French 8; 97+ French I (HS) <b>and</b> teacher recommendation; <b>9-12</b>
60.0130001 60.0130002	French III	Y	1.0	80+ French II or French II H; <b>11-12</b>
60.0130041 60.0130042	French III Honors	Y	1.0	88+ unweighted French II H; no waivers permitted from on-level class <b>11-12</b>
60.0140001 60.0140002	French IV	Y	1.0	80+ French III or French III H; <b>11-12</b>
60.0140041 60.0140042	French IV Honors	Y	1.0	88+ unweighted French III H; no waivers permitted from on-level class <b>11-12</b>
60.0150041 60.0150042	French V Honors	Y	1.0	80+ French IV or French IV H; <b>12</b>
60.2170001 60.2170002	AP French Language and Culture	Y	1.0	88+ unweighted French IV H; <b>and</b> teacher recommendation; <b>12</b>
61.0110001 61.0110002	German I	Y	1.0	None; <b>9-12</b>



61.0120001 61.0120002	German II	Y	1.0	German I; <b>9-12</b>
61.0120041 61.0120042	German II Honors			90+ German I (HS) <b>and</b> teacher recommendation; <b>9-12</b>
61.0130001 61.0130002	German III	Y	1.0	80+ German II or German II H; <b>10-12</b>
61.0130041 61.0130042	German III Honors			88+ unweighted German II H; no waivers permitted from on-level class <b>10-12</b>
61.0140041 61.0140042	German IV Honors	Y	1.0	88+ unweighted German III H; no waivers permitted from on-level class <b>11-12</b>
61.2170001 61.2170002	AP German Language and Culture	Y	1.0	85+ unweighted German IV H or 88+ unweighted German III H; <b>and</b> teacher recommendation; <b>11-12</b>
61.0410001 61.0410002	Latin I	Y	1.0	None; <b>9-12</b>
61.0420001 61.0420002	Latin II	Y	1.0	Latin I; <b>9-12</b>
61.0420041 61.0420042	Latin II Honors	Y	1.0	90+ Latin I (HS) <b>and</b> teacher recommendation; <b>9-12</b>
61.0430001 61.0430002	Latin III	Y	1.0	80+ Latin II or Latin II H; <b>10-12</b>
61.0430041 61.0430042	Latin III Honors	Y	1.0	88+ unweighted Latin II H; no waivers permitted from on-level class <b>10-12</b>
61.0440041 61.0440042	Latin IV Honors	Y	1.0	88+ unweighted Latin III H; no waivers permitted from on-level class <b>11-12</b>
61.2480001 61.2480002	AP Latin	Y	1.0	85+ unweighted Latin Literature Survey H (IV H) <b>or</b> 88+ unweighted Latin III H; <b>and</b> teacher recommendation; <b>11-12</b>
60.0710001 60.0710002	Spanish I	Y	1.0	None; <b>9-12</b>
60.9710001 60.9710002	Spanish 1B	Y	1.0	Completed Middle School Spanish but not accepting high school credit
60.0720001 60.0720002	Spanish II	Y	1.0	Spanish I; <b>9-12</b>
60.0720041 60.0720042	Spanish II Honors	Y	1.0	93+ in Spanish 8 or 97+ Spanish I (HS) <b>and</b> teacher recommendation; <b>9-12</b>
60.0730001 60.0730002	Spanish III	Y	1.0	80+ Spanish II or Spanish II H; <b>10-12</b>
60.0730041 60.0730042	Spanish III Honors	Y	1.0	88+ unweighted Spanish II H; no waivers permitted from on-level class <b>10-12</b>
60.0740001 60.0740002	Spanish IV	Y	1.0	80+ Spanish III or Spanish III H; <b>11-12</b>
60.0740041 60.0740042	Spanish IV Honors	Y	1.0	88+ unweighted Spanish III H; no waivers permitted from on-level class <b>11-12</b>
60.0750041 60.0750042	Spanish V Honors	Y	1.0	80+ Spanish IV or Spanish IV H; <b>11-12</b>

60.2770001 60.2770002	AP Spanish Language and Culture	Y	1.0	88+ unweighted Spanish IV H; <b>and</b> teacher recommendation; <b>12</b>
<b>Computer #</b>	<b>Business</b>	<b>Term</b>	<b>Credit</b>	<b>Prerequisite and Grade Level</b>
07.4260001 07.4260002	Financial Literacy	Y	1.0	None
07.4413001 07.4413002	Introduction to Business & Technology	Y	1.0	None
07.4110001 07.4110002	Principles of Accounting	Y	1.0	None
07.4110001 07.4110042	Honors Accounting	Y	1.0	Principles of Accounting; <b>10-12</b>
06.7214001 06.7224002	Work Based Learning – Off Campus	Y	1.0	Application; See Ms. McCall – Room 438; <b>12</b>
06.7215001 06.7225002	Work Based Learning – Office Assistant			
13.7114001 13.7124002	Work Based Learning – Teacher Assistant			
<b>Computer #</b>	<b>Computer Science</b>	<b>Term</b>	<b>Credit</b>	<b>Prerequisite and Grade Level</b>
11.4150001 11.4150002	Introduction to Digital Technology	Y	1.0	None
11.2190001 11.2190002	AP Computer Science Principles	Y	1.0	GSE Algebra 1; <b>10-12</b>
11.2160001 11.2160002	AP Computer Science A	Y	1.0	90+ unweighted in Accelerated GSE Geometry B/Algebra 2 Honors Rising 11th and 12th graders: 85+ unweighted in fall semester math class. All students must have completed Geometry; <b>10-12</b>
<b>Computer #</b>	<b>Therapeutic – Services / Physical Medicine / Sports Medicine / Public Health</b>	<b>Term</b>	<b>Credit</b>	<b>Prerequisite and Grade Level</b>
25.5210001 25.5210002	Introduction to Healthcare Science	Y	1.0	None
25.4400011 25.4400012	Essentials of Healthcare	Y	1.0	Intro to Healthcare Science, <b>10 - 12</b>
25.4460001 25.4460002	Sports Medicine	Y	1.0	Intro Healthcare Science; Essentials Healthcare; <b>11-12</b>
25.432001 25.432002	Public Health	Y	1.0	Intro Healthcare Science; Essentials Healthcare: <b>11-12</b>
<b>Computer #</b>	<b>Marketing &amp; Management</b>	<b>Term</b>	<b>Credit</b>	<b>Prerequisite and Grade Level</b>
08.4740001 08.4740002	Marketing Principles	Y	1.0	None

08.4410001 08.4410002	Marketing & Entrepreneurship	Y	1.0	Marketing Principles; <b>10-12</b>
08.4420001 08.4420002	Marketing Management	Y	1.0	Marketing Principles, Marketing & Entrepreneurship; <b>11-12</b>
<b>Computer #</b>	<b>Engineering Manufacturing</b>	<b>Term</b>	<b>Credit</b>	<b>Prerequisite and Grade Level</b>
21.4410000	Foundations of Engineering Manufacturing	Y	1.0	None
21.4450001 21.4450002	Robotics and Automated Systems	Y	1.0	Foundations of Engineering Manufacturing; <b>10-12</b>
21.4440001 21.4440002	Production Enterprises	Y	1.0	Foundations of Engineering Manufacturing, Robotics & Automated Systems; <b>11 -12</b>
<b>Computer #</b>	<b>Health/Physical Education</b>	<b>Term</b>	<b>Credit</b>	<b>Prerequisite and Grade Level</b>
17.0110001	<b>General Health</b>	S	0.5	<b>Required for Graduation; 9-12</b>
36.0510001	<b>Personal Fitness</b>	S	0.5	<b>Required for Graduation; 9-12</b>
36.0610001	Advanced Personal Fitness	S	0.5	Personal Fitness; 10-12
36.0270002	Ultimate Frisbee / Disc Golf	S	0.5	None; <b>9-12</b>
36.0220002	Badminton & Ping Pong	S	0.5	None; <b>9-12</b>
36.0560001	Yoga / Body Sculpting	S	0.5	None; <b>9-12</b>
36.0550001	Nutritional Fitness / Body Sculpting	S	0.5	None; <b>9-12</b>
36.0110001	General PE I	S	0.5	None; <b>9-12</b>
36.0120001	General PE II	S	0.5	None; <b>9-12</b>
36.0130001	General PE III	S	0.5	None; <b>9-12</b>
36.0220001	Lifetime Sports	S	0.5	None; <b>9-12</b>
36.0270001	Recreational Games	S	0.5	None; <b>9-12</b>
36.0250001	Outdoor Education	S	0.5	<b>12 Only</b>
36.0540001	Weight Training I	S	0.5	None; <b>9-12</b>
36.0540002	Weight Training II	S	0.5	Weight Training I; <b>9-12</b>
36.0560001	Weight Training III – Advanced Body Sculpting	S	0.5	Weight Lifting Regiment in Place-Advanced weight training only; <b>9-12</b>
36.0540600	Zero Period Wt. Training	S	0.5	None; <b>9-12</b> Before school weight lifting; must provide own transportation
36.0520001	Physical Conditioning	S	0.5	None; <b>9-12</b>
<b>Computer #</b>	<b>Art</b>	<b>Term</b>	<b>Credit</b>	<b>Prerequisite and Grade Level</b>
				Students entering high school with Comprehensive 1/Intro to Art credit may begin level 1 advanced art courses
50.0211001	Visual Arts/Comprehensive 1 (aka Introduction to Art)	S	0.5	None; <b>9-12</b>
50.0411001	Visual Arts/Ceramics 1	S	0.5	Comprehensive 1 (Intro to Art); <b>9-12</b>
50.0412001	Visual Arts/Ceramics 2	S	0.5	Ceramics 1; <b>9-12</b>
50.0413001	Visual Arts/Ceramics 3	S	0.5	Ceramics 2 ; <b>10-12</b>
50.0414001	Visual Arts/Ceramics 4	S	0.5	Ceramics 3 ; <b>10-12</b>

50.0313001	Visual Arts/Drawing & Painting 1	S	0.5	Comprehensive 1 (Intro to Art); <b>9-12</b>
50.0314001	Visual Arts/Drawing & Painting 2	S	0.5	Drawing & Painting 1; <b>9-12</b>
50.0315001	Visual Arts/Drawing & Painting 3	S	0.5	Drawing & Painting 2; <b>10-12</b>
50.0316001	Visual Arts/Drawing & Painting 4	S	0.5	Drawing & Painting 3; <b>10-12</b>
50.0460001	Visual Arts/Jewelry/Metalcrafts 1	S	0.5	Comprehensive 1 (Intro to Art); <b>9-12</b>
50.0462001	Visual Arts / Jewelry/Metalcrafts 2	S	0.5	Jewelry/Metalcrafts 1; <b>9-12</b>
50.0711001	Visual Arts/Photography 1	S	0.5	Comprehensive 1 (Intro to Art); <b>9-12</b>
50.0712001	Visual Arts/Photography 2	S	0.5	Photography 1; <b>9-12</b>
50.0713001	Visual Arts/Photography 3	S	0.5	Photography 2; <b>10-12</b>
50.0714001	Visual Arts/Photography 4	S	0.5	Photography 3; <b>10-12</b>
50.2921001 50.2921002	AP Art History	Y	1.0	85+ in previous semester's ONLV Social Studies and English courses; 80+unweighted all AP World/AP US History (courses not required; grade required if taken); 80+unweighted previous semester's honors English course (course not required; grade required if taken). <b>10-12</b>
50.2811001 50.2811002	AP Drawing	Y	1.0	Comprehensive 1 (Intro to Art), Drawing & Painting 1 & 2, <b>PORTFOLIO REVIEW REQUIRED; 11-12</b>
50.2813001 50.2813002	AP 2D Art and Design	Y	1.0	Comprehensive 1 (Intro to Art) AND any combination of <u>TWO</u> upper level classes: Drawing & Painting 1 & 2 <b>OR</b> Drawing and Painting 1 AND Graphics 1 <b>OR</b> Drawing & Painting 1 AND Photography 1 <b>OR</b> Photography 1 & 2 <b>OR</b> Photography 1 AND Graphics 1 <b>OR</b> Graphics 1 & 2 <b>PORTFOLIO REVIEW REQUIRED; 11-12</b>
50.2814001 50.2814002	AP 3D Art and Design	Y	1.0	Comprehensive 1 (Intro to Art) AND any combination of 2: Ceramics 1, Ceramics 2, Jewelry/Metalcrafts 1, Jewelry/Metalcrafts 2, Sculpture 1, Sculpture 2 <b>PORTFOLIO REVIEW REQUIRED; 11-12</b>
<b>Computer #</b>	<b>Music</b>	<b>Term</b>	<b>Credit</b>	<b>Prerequisite and Grade Level</b>
53.0221001 53.0221002	Beginning Music Technology	S	0.5	None; <b>9-12</b>
53.2230001 53.2230002	AP Music Theory	Y	1.0	See Mr. Copeland – Room 785; <b>11-12</b>
53.0941001	Piano Lab 1A	S	0.5	None; <b>9-12</b>
53.0941002	Piano Lab 1B	S	0.5	Piano Lab 1A; <b>9-12</b>
53.0942001	Piano Lab 2A	S	0.5	Piano Lab 1B; <b>10-12</b>
53.0942002	Piano Lab 2B	S	0.5	Piano Lab 2A; <b>10-12</b>
53.0571001 53.0571002 53.0572001	Intermediate Orchestra I, II, III, IV – Concert Orchestra	Y	1.0	Audition; <b>9-12</b>

53.0572002 53.0573001 53.0573002 53.0574001 53.0574002				
53.058100 1 / 2 53.058200 1 / 2 53.058300 1 / 2 53.058400 1 / 2	Advanced Orchestra I,II,III, IV - Philharmonia Orchestra	Y	1.0	Audition; <b>9-12</b>
53.059100 1 / 2 53.059200 1 / 2 53.059300 1 / 2 53.059400 1 / 2	Mastery Orchestra I, II, III, IV - Chamber Orchestra	Y	1.0	Audition; <b>9-12</b>
53.037100 1 / 2 53.037200 1 / 2 53.037300 1 / 2 53.037400 1 / 2	Intermediate Band I, II, III, IV – Symphonic Winds	Y	1.0	Audition; <b>9-12</b>
53.038100 1 / 2 53.038200 1 / 2 53.038300 1 / 2 53.038400 1 / 2	Advanced Band I, II, III, IV – Chamber Winds	Y	1.0	Audition; <b>9-12</b>
53.039100 1 / 2 53.039200 1 / 2 53.039300 1 / 2 53.039400 1 / 2	Mastery Band I, II, III, IV – Chamber Ensemble	Y	1.0	Audition; <b>9-12</b>
53.076100 1 / 2 53.076200 1 / 2 53.076300 1 / 2 53.076400 1 / 2	Percussion I, II, III, IV	Y	1.0	Audition Only; <b>9-12</b>
54.022100 1 / 2 54.022200 1 / 2 54.022300 1 / 2 54.022700 1 / 2	Intermediate Chorus I, II, III, IV	Y	1.0	None; <b>9-12</b>
54.023100 1 / 2 54.023200 1 / 2 54.023300 1 / 2 54.023400 1 / 2	Advanced Mixed Chorus I, II, III, IV	Y	1.0	Audition; <b>9-12</b>
54.026100 1 / 2 54.026200 1 / 2 54.026300 1 / 2 54.026400 1 / 2	Advanced Women's Chorus I, II, III, IV	Y	1.0	Audition; <b>9-12</b>
<b>Computer #</b>	<b>Drama</b>	<b>Term</b>	<b>Credit</b>	<b>Prerequisite and Grade Level</b>
52.0210001	Fundamentals of Theatre I	S	0.5	None; <b>9-12</b>
52.0220002	Fundamentals of Theatre II	S	0.5	Fundamentals of Theatre I; <b>9-12</b>
52.0610001 52.0610002	Acting I	Y	1.0	None; <b>9-12</b>
52.0620001 52.0620002	Acting II	Y	1.0	Acting I or Fundamentals of Theatre; <b>10-12</b>
52.0630001	Acting III	Y	1.0	Acting II; <b>11-12</b>

52.0630002				
52.0510001 52.0510002	Adv Drama I	Y	1.0	Audition Only
52.0520001 52.0520002	Adv Drama II	Y	1.0	Audition Only
52.0230001 52.0230002	Adv Drama III	Y	1.0	Audition Only
52.0240001 52.0240002	Adv Drama IV	Y	1.0	Audition Only
52.0410001 52.0410002	Technical Theatre I	Y	1.0	None; <b>9-12</b>
52.0420001 52.0420002	Technical Theatre II	Y	1.0	Technical Theatre I; <b>10-12</b>
52.0430001 52.0430002	Technical Theatre II	Y	1.0	Technical Theatre II; <b>11-12</b>
52.0440001 52.0440002	Technical Theatre IV	Y	1.0	Technical Theatre III; <b>12</b>
<b>Computer #</b>	<b>TAG</b>	<b>Term</b>	<b>Credit</b>	<b>Prerequisite and Grade Level</b>
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
70.2320001	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
70.2210001	Gifted Career Internship 1A	S	0.5	Application; <b>11-12</b>
70.2210002	Gifted Career Internship 1B	S	0.5	Application; <b>11-12</b>
70.2220001	Gifted Career Internship 2A	S	0.5	Application; <b>11-12</b>
70.2220002	Gifted Career Internship 2B	S	0.5	Application; <b>11-12</b>
<b>Computer #</b>	<b>ESOL</b>	<b>Term</b>	<b>Credit</b>	<b>Prerequisite and Grade Level</b>
23.0610021 23.0610022	ESOL 9 <sup>th</sup> Grade Lit/Comp	Y	1.0	Enrollment in ESOL; ACCESS Score 2-5; <b>9-12</b>
23.0620021 23.0620022	ESOL 10 <sup>th</sup> Grade Lit/Comp	Y	1.0	ESOL; ACCESS Score 2-5; <b>10-12</b>
23.0510021 23.0510022	Sheltered American Lit/Comp	Y	1.0	ESOL; ACCESS Score 2-5; <b>11-12</b>
23.0630021 23.0630022	ESOL 12 <sup>th</sup> Grade Lit/Comp	Y	1.0	ESOL; ACCESS Score 2-5; <b>12</b>
55.0210001 55.0210002	Communication Skills I	Y	1.0	ESOL; ACCESS Score 1; <b>9-12</b>
55.0220001 55.0220002	Communication Skills II	Y	1.0	ESOL; ACCESS Score 2-3; <b>9-12</b>
55.0240001 55.0240002	Oral Communication in Content Areas	Y	1.0	ESOL; ACCESS Score 1; <b>9-12</b>
55.0230001 55.0230002	Reading and Listening in Content Area	Y	1.0	ESOL; ACCESS Score 1; <b>9-12</b>

Computer #	IRR	Term	Credit	Prerequisite
<b>Please note</b>	<b>TT = Team Taught SC = Self Contained MC = Modified Curriculum</b>			
23.9610001 23.9610002	9 <sup>th</sup> Lit / Comp - TT	Y	1.0	IEP placement
23.8610001 23.8610002	9 <sup>th</sup> Lit / Comp – SC/MC	Y	1.0	IEP placement
23.9620001 23.9620002	10 <sup>th</sup> Lit / Comp – TT	Y	1.0	IEP placement
23.8620001 23.8620002	10 <sup>th</sup> Lit / Comp – SC/MC	Y	1.0	IEP placement
23.9510001 23.9510002	11 <sup>th</sup> Am Lit / Comp – TT	Y	1.0	IEP placement
23.8510001 23.8510002	11 <sup>th</sup> Am Lit / Comp – SC/MC	Y	1.0	IEP placement
23.9670001 23.9670002	Multicultural Lit – TT	S	0.5	IEP placement
23.8670001 23.8670002	Multicultural Lit – SC/MC	S	0.5	IEP placement
26.9120001 26.9120002	Biology – TT	Y	1.0	IEP placement
26.8120001 26.8120002	Biology - SC/MC	Y	1.0	IEP placement
40.9110001 40.9110002	Physical Science - TT	Y	1.0	IEP placement
40.8110001 40.8110002	Physical Science – SC/MC	Y	1.0	IEP placement
40.9640001 40.9640002	Earth Systems – TT	Y	1.0	IEP placement
40.8640001 40.8640002	Earth Systems – SC/MC	Y	1.0	IEP placement
26.9611001 26.9611002	Environmental Science – TT	Y	1.0	IEP placement
26.8611001 26.8611002	Environmental Science – SC/MC	Y	1.0	IEP placement
27.9990001 27.9990002	GSE Algebra I - TT	Y	1.0	IEP placement
27.8990001 27.8990002	GSE Algebra I – SC/MC	Y	1.0	IEP placement
27.9997001 27.9997002	GSE Algebra I Supp – TT	Y	1.0	IEP placement
27.8997001 27.8997002	GSE Algebra I Supp – SC/MC	Y	1.0	IEP placement
27.9991001 27.9991002	GSE Geometry – TT	Y	1.0	IEP placement
27.8991001 27.8991002	GSE Geometry – SC/MC	Y	1.0	IEP placement

27.9998001 27.9998002	GSE Geometry Support – TT	Y	1.0	IEP placement
27.8998001 27.8998002	GSE Geometry Support – SC/MC	Y	1.0	IEP placement
27.9992001 27.9992002	GSE Algebra 2 – TT	Y	1.0	IEP placement
27.8992001 27.8992002	GSE Algebra 2 – SC / MC	Y	1.0	IEP Placement
27.9999001 27.9999002	GSE Algebra 2 Support - TT	Y	1.0	IEP placement
27.8999001 27.8999002	GSE Algebra 2 Support – SC/MC	Y	1.0	IEP placement
27.9850001 27.9850002	Advanced Math Decision Making TT	Y	1.0	IEP Placement
27.8850001 27.8850002	Advanced Math Decision Making SC	Y	1.0	IEP Placement
45.9570001	American Govt/Civics – TT	S	0.5	IEP placement
45.8570001	American Government/Civics – SC/MC	S	0.5	IEP placement
45.9830001 45.9830002	World History – team taught	Y	1.0	IEP placement
45.8830001 45.8830002	World History – SC/MC	Y	1.0	IEP placement
45.9810001 45.9810002	US History – team taught	Y	1.0	IEP placement
45.8810001 45.8810002	US History – SC/MC	Y	1.0	IEP placement
45.9610001	Economics – team taught	Y	0.5	IEP placement
45.8610001	Economics – SC/MC	Y	0.5	IEP placement
32.8110001 32.8110002	CTI Work Experience	Y	1.0	IEP placement
35.8610001 35.8610002	Study Skills 1	Y	1.0	IEP placement
35.8620001 35.8620002	Study Skills 2	Y	1.0	IEP placement
35.8630003 35.8630003	Study Skills 3	Y	1.0	IEP placement
35.8640001 35.8640002	Study Skills 4	Y	1.0	IEP placement
47.8910001 47.8910002	Career Co-op Class	Y	1.0	IEP placement
<b>Computer #</b>	<b>Work Based Learning Experiences</b>	<b>Term</b>	<b>Credit</b>	<b>Prerequisite and Grade Level</b>
13.7114001 13.7114002	Work Based Learning - Teaching	S	0.5	Application; See Ms. McCall rm 438; <b>12</b>
06.7115001 06.7115002	Work Based Learning – Office Asst	S	0.5	Application; See Ms. McCall rm 438; <b>12</b>





## **Fulton County Minimum Guidelines for** **Advanced Courses**

The Fulton County Curriculum Department has created minimum guidelines for each advanced course offered in Fulton County. Northview has adopted additional prerequisite minimums based on a three-year study of student grades and overall skills. The Northview prerequisites are listed in the front of our course catalog. Parents should be aware of the rigor required in all of the courses offered at Northview, in order to make an informed decision on what is the best placement for their child. Teachers make initial course recommendations based on the minimum prerequisites established by each department at Northview. Parents have the option to waive the prerequisite minimums, provided their child meets the county minimums, for any advanced course.

All Fulton County minimum guidelines may be found on the Fulton County website – [www.fultonschools.org](http://www.fultonschools.org).

# COURSE DESCRIPTIONS

## ANIMATION AND DIGITAL MEDIA

**Course Name: Intro to Digital Media**

**Course Number: 48.421000**

Description: The Introduction of Digital Media students will learn the basic components of 2-D and 3D animation development from storyboarding elements to fundamental software capabilities. The course serves as an introduction to the animation history, keyboarding shortcuts, project filing, and career awareness. Instruction in this course focuses on storyboard creation, the physics and anatomy of motion, technology of animation, properties and use of color, cameras and lighting, fundamentals of modeling and animating, creating a portfolio and file management. No prerequisite for this course.

**Course Name: Principles and Concepts of Animation**

**Number: 48.4220000**

Description: In Principles and Concepts of Animation, students will continue to develop and implement aesthetics of color selection, storyboarding in 2-D digital animation, and develop animatic creations from 2-D to 3-D. Students in this course will learn interface tools, the use of drawing tools, animating the camera, importing images from web sources and files, working with sound and lip syncing, understanding paths and motion design, and frame by frame animation creation relative to sequence planning and pacing. This course will allow students to explore more advanced aspects of character animation including subtle character gesture and advanced action timing with emphasis on personal observation. The course will allow students to develop an understanding of basic sound considerations such as lip syncing, voice-overs, and the synchronization of sound with the visual product. This course will allow students to build on previously learned storyboarding skills, develop scripts, determine character motivations, consider setting and motion variables, and learn other unique traits of animation through integrated activities.

**Course Name: Advanced Animation, Game and APP Design**

**Course Number: 48.42300**

**Description:** Students will continue working in 2-D and 3-D environments by importing 3-D models while working in 3-D space morphing, and inverse kinematics. While learning the basics of Game and APP design, the students will acquire knowledge of human and animal animations, apply the aesthetic and technical aspects of animation of characters, and analyze the physics and physicalizing of action, weight, and timing. The course advances students' knowledge of sound integration into animated products; by focusing on skills that include lip-syncing, voice overs, and synchronization. Portfolio development will include animation reels and other products. Students will learn the processes of post-production and will work both independently and in small production teams to manage the production pipeline for a 3-D project. In the final phases of the project completion, students will work collaboratively to meet deadlines and will be expected to produce an animated final project that reflects competency with editing, rendering, updating reel, and self-promotional support items. Students may also develop a working game or app as a final project. Through the exploration of projects, students will continue to work independently and collaboratively to develop content delivery, story and technical mastery.

## ART

**Course Name: Visual Arts/Comprehensive 1 (Introduction to Art)**

**Course Number:** 50.0211001

**Description:** This is the gateway class to every other studio art course at Northview. Think with the creative parts of your brain. This semester course is an introduction to drawing, painting, sculpture, and journaling with an emphasis on the ability to understand and use of the elements and principles of design. The course incorporates art history, art criticism, aesthetic judgment, and studio production. Explores master artworks for historical and cultural significance.

**Course Name: Visual Arts/Drawing and Painting 1**

**Course Number:** 50.0313001

**Description:** Do you want to learn how to draw? Learning how to see differently is the key! You can learn the skills. Bring an open mind with a positive attitude, and let the teacher guide you. This course introduces drawing and painting techniques and a variety of drawing and painting media. Stresses critical analysis of master paintings and drawings of different styles and historical periods; emphasizes problem-solving techniques to achieve desired results in personal work.

**Course Name: Visual Arts/Drawing & Painting 2**

**Course Number:** 50.0314001

**Description:** Enhances level-one drawing and painting skills and provides opportunities to apply painting and drawing techniques in a variety of media. Drawing and painting adventures involve sensitivity to color, expressionism, realism, abstract, and non-objective approaches to creating. Stresses critical analysis of master paintings and drawings of different styles and historical periods; emphasizes problem-solving techniques to improve techniques and mastery of materials.

**Course Name: Visual Arts/Drawing & Painting 3**

**Course Number:** 50.0315001

**Description:** Enhances level-two skills in technique and provides further exploration of drawing and painting media. Reinforces drawing and painting skills and critical analysis skills for responding to master drawings and paintings of different historical and contemporary styles and periods. Examines solutions to increasingly complex mixed media works of art and the development of personal style and a body of work. Students collaborate with the teacher and work more independently. Opportunities for choice and voice are provided.

**Course Name: Visual Arts/Drawing & Painting 4**

**Course Number:** 50.0316001

**Description:** Enhances level-three skills in technique and provides further exploration of drawing and painting media. Reinforces drawing and painting skills and critical analysis skills for responding to master drawings and paintings of different historical and contemporary styles and periods. Examines solutions to increasingly complex mixed media works of art and the development of body of work as a portfolio. Students work more independently. Opportunities for choice and voice are provided.

**Course Name: Visual Arts/Ceramics/Pottery 1**

**Course Number:** 50.0411001

**Description:** Introduces the characteristics of clay and design in clay using various techniques of construction and decoration. Emphasizes hand-building and introduces other forming techniques, surface decoration, and glaze applications. Create functional pottery like bowls and vases as well as

clever sculptural forms. In addition to traditional glazing techniques, students will explore alternative surface treatment like burnishing, sgraffito, mishima, saggar firing, and smoke firing. Covers styles of ceramic works from Western and non-Western cultures.

**Course Name: Visual Arts/Ceramics/Pottery 2**

**Course Number:** 50.0412001

**Description:** Enhances level-one skills and provides opportunities to apply design techniques in clay through hand building and throwing on the potter's wheel. Students will learn to throw pottery on the wheel to create forms like vases, bowls, and mugs. Hand-built sculpture will also be taught in this course to add stunning forms to your portfolio. Introduces formulation of basic glazes and kiln firing; stresses evaluation of clay forms through art criticism and aesthetic judgment. Students make design choices to express emerging artistic voice.

**Course Name: Visual Arts/Ceramics/Pottery 3**

**Course Number:** 50.0413001

**Description:** Enhances level-two skills and provides opportunities to apply design techniques in clay through hand building and/or wheel throwing techniques while developing personal artistic voice. Presents ceramic/pottery forms as art and craft in historical context. Explores ideas and questions about purposes and functions of ceramic forms, past and present. Students research, make project proposals, and collaborate with teacher in accordance with curriculum units. Individual artistic voice develops.

**Course Name: Visual Arts/Ceramics/Pottery 4**

**Course Number:** 50.0414001

**Description:** Enhances level-three skills and provides opportunities to apply design techniques in clay through hand building and/or wheel throwing techniques. Emphasizes more complex forms and surface treatments using tools, glazes, resists, and multiple clay bodies. Students extend their study of design in clay with the potter's wheel, hand building, and its aesthetic qualities. Students research, make project proposals, and collaborate with teacher in accordance with curriculum units. Students work more independently. Opportunities for choice and voice are provided.

**Course Name: Visual Arts/Graphics 1**

**Course Number:** 50.0721001

**Description:** Introduces graphic design as seen in posters, advertisements, logos, illustrations, signs, and package or product designs. Covers selected graphic design elements, vocabulary, and the media, tools, equipment, techniques, processes, and styles used for graphics. Investigates the historical development of graphic design and its function in contemporary society. Topics include: advertising strategies, organized visual space, Notan design, typographic personality, logo and letterhead design, corporate identity design, and product and package design. Stresses using the computer as a major design tool. Explores career opportunities.

**Course Name: Visual Arts/Graphics 2**

**Course Number:** 50.0722001

**Description:** Enhances level-one skills in graphic design. Introduces advanced design problems and how to apply creative ideas using storyboards, layouts, and models. Stresses use of vocabulary, tools, media, equipment, and techniques in planning and producing graphic art products. Topics include editorial design, product and package design, advertising design, and creating a comprehensive presentation based on a theme.

**Course Name: Visual Arts/Photography 1**

**Course Number:** 50.0711001

**Description:** Have you always wondered how photography works, and how a camera can capture an image when it's essentially just a box with a hole? Do you want to learn chemical developing processes in the darkroom? Students examine aspects of photography as an art form, including its history, cultural influences, composition and design. They develop and print black/white photos in the darkroom; photography is explored through student-made pinhole cameras. The basics of exposing and processing photographs by introducing traditional and digital photography are emphasized. Stresses appropriate processing techniques and safe use of photographic materials and equipment.

**Course Name: Visual Arts/Photography 2**

**Course Number:** 50.0712001

**Description:** Are you ready to take your photography skills to the next level using a 35mm film camera? Photography 2 builds on basic skills and darkroom techniques learned in Photo Design I. Students hone skills in communicating meaning through photography. They learn to use a 35mm camera, develop and print images in black and white film, and explore alternative/experimental darkroom and printing techniques. The course continues to explore art history, aesthetics, and art criticism.

**Course Name: Visual Arts/Photography 3**

**Course Number:** 50.0713001

**Description:** With the skills learned in Photography I and II, students are introduced to advanced and experimental digital photography and editing processes. They will work to create an in-depth body of work exploring photographic techniques and visual ideas with a focus on artistic voice and mastery of technique. Students continue to explore photography and photographers for historical and critical appraisal.

**Course Name: Visual Arts/Photography 4**

**Course Number:** 50.0714001

**Description:** Using skills learned in Photography I-III, students extend their study of design in photography with advanced and experimental pinhole, 35mm film, or digital photographic techniques. Students continue to develop an in-depth body of work stressing personal expression of ideas and depth of exploration in selected photo techniques. They also continue to explore photography and photographers for historical and critical appraisal.

**Course Name: Visual Arts/Jewelry & Metalcrafts 1**

**Course Number:** 50.0460001

**Description:** Want to make your own jewelry or gifts for others? This course introduces jewelry making as a historical and contemporary art form. It combines aesthetics, art criticism, and art history with studio production. Students study and learn a variety of processes and techniques to design and create jewelry. Various tools and materials, including beads, slumped glass, cast pewter, and metal options like copper, brass, and nickel are introduced. You will also harness the power of fire as you explore hot-processes with metals!

**Course Name: Visual Arts/Jewelry & Metalcrafts 2**

**Course Number:** 50.0462001

**Description:** This course further explores jewelry design techniques, processes, and materials as an expressive art form. Techniques and processes introduced in Jewelry & Metalcrafts I are refined and expanded. In addition, experimentation with alternative and mixed media is explored, with an emphasis on hot connection techniques (such as soldering) and stone setting. Students will develop a voice through the study of master artists and material choices.

**Course Name: Advanced Placement Art History****Course Number:** 50.0921010

**Description:** AP Art History is a full-year elective course designed to prepare students for the AP Exam in Art History. In addition to being a great background for arts careers, APAH leads to living a more conversant and acculturated life. Like the two-semester college-survey course, AP Art History in high school introduces students to significant art and architecture from the Prehistoric world to the present times. In the ultimate "humanities course", students will view, discuss, analyze, interpret, and write about major works of art and architecture. Students identify technical innovations of art and architecture, and analyze the historical and social contexts of drawings, prints, paintings, and buildings, as well as other media, such as: photography, ceramics, sculpture, fiber arts, and performance art.

**Advanced Placement Studio Art Classes**

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 works for evaluation in early May. Creating AP artwork 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****Course Number:** 50.0811010

**Description:** Conforms to College Board topics for the Advanced Placement Studio Art Drawing Portfolio Examination. Requires submission of original works and digital images to be evaluated on quality. Provides experiences using different drawing/painting media and approaches; designed for students interested in the practical experiences of art. In this portfolio, only drawn and painted artworks are accepted by the College Board.

**Course Name: Advanced Placement 2D Art and Design****Course Number:** 50.0813010

**Description:** Conforms to College Board topics for the Advanced Placement Studio 2D Design Portfolio Examination. Requires submission of original works and digital images to be evaluated on quality. Provides experiences using different media and approaches; designed for students interested in the practical experiences of art. In this portfolio, a combination of photography, computer art, drawing, painting, graphic design and collage are accepted by the College Board.

**Course Name: Advanced Placement 3D Art and Design****Course Number:** 50.0814010

**Description:** Conforms to College Board topics for the Advanced Placement Studio 3D Design Portfolio Examination. Requires submission of original works and digital images to be evaluated on quality. Provides experiences using different sculpture media and approaches; designed for students interested in the practical experiences of art. In this portfolio, a combination of media like clay, paper, plaster, wire, stone, wood, cloth, metal, plastic and mixed media are used to create the three-dimensional artwork accepted by the College Board.

## **AUDIO-VIDEO, TECHNOLOGY & FILM**

**Course Name: Audio-Video Technology & Film 1****Course Number:** 10.4181000

**Description:** Do you want to be in "the Business"? There's no business like it! This course provides an introductory overview of film and television production with an emphasis on technical operation and

storytelling. Students are instructed on the correct operation of studio and field production equipment, as well as, screenwriting, 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: Audio-Video Technology & Film 2**

**Course Number:** 10.4121000

**Description:** Students complete advanced editing projects and work as crew-members on in field projects to reinforce the production process. Participants serve as writers, producers, directors and more on segments of Northview's BOLT and other Northview productions. 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: Audio-Video Technology & Film 3**

**Course Number:** 10.4131000

**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: Audio-Video Technology & Film 4**

**Course Number:** 10.4141000

**Description:** Students in Audio-Video Technology & Film 4 will serve as producers for many of the videos created in the program. AVTF4 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: Finance**

**Course Number: 07.4260000**

**Description:** This course is designed for high school students to understand the importance of the financial world, including planning and managing money wisely. Areas of study taught through application in personal finance include sources of income, budgeting, banking, consumer credit, credit laws and rights, personal bankruptcy, insurance, spending, taxes, investment strategies, savings accounts, mutual funds and the stock market, buying a vehicle, and living independently. Based on the hands-on skills and knowledge applied in this course, students will develop financial goals, and create realistic and measurable objectives to be MONEY SMART! Through project-based learning activities and tasks, students will apply mathematical concepts in realistic scenarios and will actively engage by applying the mathematics necessary to make informed decisions related to personal finance. Financial Literacy places great emphasis on problem solving, reasoning, representing, connecting and communicating financial data.

**Course Name: Introduction to Business and Technology**

**Course Number:** 07.4413000

**Description:** This course provides an overview of business and technology skills required for today's business environment. Knowledge of business principles, the impact of financial decisions, and technology proficiencies demanded by business combine to establish the elements of this course. Emphasis is placed on developing proficient fundamental computer skills required for all career pathways. Students will learn



essentials for working in a business environment, managing a business, and owning a business. The intention of this course is to prepare students to be successful both personally and professionally in an information-based society. Students will not only understand the concepts, but apply their knowledge to situations and defend their actions/ decisions/ choices through the knowledge and skills acquired in this course. Employability skills are integrated into activities, tasks, and projects throughout the course standards to demonstrate the skills required by business and industry. Students have the opportunity to become Certified in Digital Literacy and MOS.

**Course Name: Principles of Accounting**

**Course Number:** 07.4110000

**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: Honors Accounting**

**Course Number:** 07.4110400

**Description:** Are you thinking about pursuing a career in accounting and possibly becoming a financial analyst for a corporation? Honors Accounting 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: Work Based Learning** - one (1A) or two periods (1A and 1B) (Work Study Paid Internship)

**Course Number:** 06.7214000 (1A – 6<sup>th</sup> period)

06.7215000 (1A and 1B 5<sup>th</sup> and 6<sup>th</sup> periods)

**\* See Ms. McCall – Room 438**

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

## **COMPUTER SCIENCE**

**Course Name: Introduction to Digital Technology**

**Course Number:** 11.4150000

**Description:** Introduction to Digital Technology is the foundational course designed for students to understand, communicate, and adapt to a digital world as it impacts their world. Exposure to foundational knowledge in hardware, software, programming, web design, IT support, and networks are all taught in a computer lab with hands-on activities and project focused tasks. The knowledge and skills taught in this course build upon each other to form a comprehensive introduction to digital world and programming. No prerequisite for this course.

**Course Name: AP Computer Science Principles****Course Number: 11.0190000**

**Description:** AP Computer Science Principles introduces students to the central ideas of computer science, instilling the ideas and practices of computational thinking and inviting students to understand how computing changes the world. The rigorous course promotes deep learning of computational content, develops computational thinking skills, and engages students in the creative aspects of the field. The course is unique in its focus on fostering students to be creative (College Board AP CSP Framework 2016-17). Competencies in the co-curricular student organization, Future Business Leaders of America (FBLA), are integral components of both the employability skills standards and content standards for this course. It can lead to taking AP Computer Science or can be taken after AP Computer Science depending on the student's interests and schedule.

**Course Name: Advanced Placement Computer Science****Course Number: 11.4160010**

**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. *Can count as a 4<sup>th</sup> year Science for Georgia Colleges.*

## DRAMA

**Course Name: Fundamentals of Theatre I****Course Number: 52.0210001**

**Description:** This course is an exploration of theatre as an artistic form that focuses on the appreciation and value of theatre in society. The students will learn both how to create theatre 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: Fundamentals of Theatre II****Course Number: 52.0220001**

**Description:** This course is an exploration of theatre as an artistic form that focuses on the appreciation and value of theatre in society. The students will learn both how to create theatre 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 I****Course Number: 52.0610000**

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

**Course Name: Acting II****Course Number: 52.0620000**

**Description:** This course delves further into the techniques of acting through the introduction of particular schools of thought associated with the control of voice and movement for effective character development.

Using these techniques the student then explores the style of realism and examines the artists associated with that movement and their methods of instruction. Through this framework the students begin to master specific period styles through research and implementation of the restrictions and demands found in a specific style. The course culminates in a peer reviewed performance which offers the opportunities to audition, build, and critique theatrical productions in the classroom setting. The course is designed for any student wishing to hone their acting skills in an effort to broaden the range possibilities for performance.

**Course Name: Acting III**

**Course Number: 52.0630000**

**Description:** The focus of this course is to prepare students for a multitude of audition opportunities. This course is aimed at students that wish to continue theatrical studies beyond high school. Students will learn about the business of acting, personal marketing, and the importance of versatility in their audition repertoire. At the end of the course the student will have knowledge of contemporary self marketing and monologues to use in auditions for colleges, conservatories, community, academic, or professional theatre.

**Course Name/ Course Number**

**DA/Advanced Drama I 52.0510000**

**DA/Advanced Drama II 52.0520000**

**DA/Advanced Drama III 52.0230000**

**DA/Advanced Drama IV 52.0240000**

**Description:** A study of the artistic, technical, managerial, and financial elements of a dramatic production. Students will assume positions of responsibility on selected productions throughout the year, and will have an opportunity to participate in several types of artistic situations.

Students will demonstrate basic knowledge and skills in the following areas:

- a. Understand the basic ideas in the areas of acting, directing, artistic criticism, including script analysis, action breakdown, staging, character creation, vocal techniques, and physical movement.
- b. Recognize the responsibilities of the producer, director, actors, designers, technicians and managers as they collaborate in the creation of the world of the play, culminating in a satisfying theatrical event for creators and audience alike.
- c. Experience the technical components of theatrical production, including scenic, lighting and sound design and technology, set construction, scene painting, properties, costuming, makeup, and publicity.
- d. Participate in the rehearsal process, which is designed to foster detailed practical application in building the production, and which will include physical and vocal warm-up, improvisation, blocking, working with props, line memorization and timing.
- e. Confront the challenges and responsibilities inherent in the commitment to fulfilling the process of bringing the text from the page to the stage.

**Course Name: Technical Theatre I**

**Course Number: 52.0410000**

**Description:** This course functions as an introduction to the technical elements of theatre, such as scenic, lighting, costume, and sound design. 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.

**Course Name: Technical Theatre II**

**Course Number: 52.0420000**

**Description:** This course delves further into the explorations of the technical elements of theatre. Students will take on more responsibilities in the given areas of technical theatre. Students will improve their use of tools and technical skills associated with the elements of theatrical design and theatre management.

**Course Name: Technical Theatre III**

**Course Number: 52.0430000**

**Description:** This course allows students to begin to take leadership roles in the execution of theatrical design. Students will take on more responsibilities in the given areas of technical theatre. Students will improve their use of tools and technical skills associated with the elements of theatrical design and theatre management.

## **ENGINEERING MANUFACTURING**

**Course Name: Foundations of Engineering Manufacturing**

**Course Number: 21.44100**

**Description:** Foundations of Manufacturing is the introductory course for the Manufacturing Engineer Career Pathway. This course provides students with opportunities to develop fundamental knowledge in the processes of Manufacturing, Robotics, and Automated systems. In addition, the course will provide an overview of the safe use of tools and equipment used in the industry.

**Course Name: Robotics & Automated Systems**

**Course Number: 21.44500**

**Description:** Upon completing this course, students will be able to apply their knowledge of computer aided design (CAD), computer numerical control (CNC), robotics, computer assisted manufacturing (CAM), programmable logic controllers, automated guided vehicles (AGV), and computer integrated manufacturing (CIM). Students will apply the principles of PLC, CIM, CAD, CAM, and robotics in the manufacturing of a product. Students will identify and explain the major engineering tasks in organizing automated manufacturing including the utilization of programmable control devices and data transfer.

**Course Name: Production Enterprises**

**Course Number: 21.44400**

**Description:** The purpose of this course is to give students an understanding of how to design and implement a production system. Students learn how businesses engage in the production of products beginning with pre-production activities and continuing through post-production activities. Additionally, students will learn about the historical and societal impact of production. Students will also develop an understanding of careers available in manufacturing and the skills and education required for those careers.

## **ESOL**

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

**Course Number: 23.0610020**

**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**

**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

**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

**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)

**Course Name: Communication Skills I – Elective**

**Course Number:** 55.0210000

**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: Communication Skills II – Elective**

**Course Number:** 55.0220000

**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: Oral Communication in Content Areas – Elective**

**Course Number:** 55.0240000

**Description:** This course supports and enhances oral/aural skills and references with the 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

**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.

## **HEALTH AND PHYSICAL EDUCATION**

### **Course Name: General Health (Graduation Requirement)**

**Course Number:** 17.0110001

**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, CPR/AED training and sex education.

### **Course Name: Personal Fitness (Graduation Requirement)**

**Course Number:** 36.0510001

**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.

### **Course Name: Advanced Personal Fitness**

**Course Number:** 36.0610001

**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 Title: Outdoor Education**

**Course Number:** 36.0250001

**Description:** Promotes an appreciation of the outdoors; provides physical activities and adventures in an outdoor laboratory which may include camping, fishing, hiking, orienteering, backpacking, repelling, outdoor cooking, first aid, hunter safety, and archery. **Seniors only**

### **Course Name: Yoga / Body Sculpting**

**Course Number:** 36.056001

**Description:** Students will learn how to correctly perform biomechanical techniques while performing basic yoga moves. Course will teach strength and muscular endurance yoga routines which demonstrates knowledge of opposing muscle groups and effective conditioning principles. Students will learn muscular strength and muscular endurance exercises through the use of varied methodologies and strategies utilizing equipment such as dumbbells, bands, tubing, etc. Course will explain the difference between body weight and body composition as well as help students set personal goals within a workout plan.

### **Course Name: Nutritional Fitness / Body Sculpting**

**Course number:** 36.0550001

**Description:** This course is design to learn how to eat and cook healthy foods by understanding how to read food labels and developing healthy menus. You will also learn the benefits of exercise, maintaining a healthy weight, and incorporating fitness related activities into a daily routine. There will be a fitness component of the class where students will be expected to dress out and participate in various fitness activities and learn the benefits of how exercise, along with proper nutrition, can provide a happy and healthier lifestyle.

### **Course Name: General Physical Education I**

**Course Number:** 36.0110001

**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

**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

**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

**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

**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: Weight Training I**

**Course Number:** 36.0540001

**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

**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 Advanced Body Sculpting (Advanced Student Athletes with Current Weight Lifting Regimen in Place)**

**Course Number:** 36.0560001

**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.

**Course Name: Physical Conditioning**

**Course Number:** 36.0520001

**Description:** This course will focus on different ways students can make exercise science a career. Students will learn about certifications for Personal Strength Training and Nutrition. Weightlifting and cardiovascular activities will be covered in this class.

## **INTERRELATED RESOURCES (IRR)**

**Course Name: Study Skills I, II, III, IV**

**Course Number:** 35.8610080, 35.8620080, 35.8630080, 35.8640080

**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

**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

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

**Course Number:** 23.0610040

**Description:** Same as 9<sup>th</sup> Grade Literature and Composition 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 9th Grade Literature and Composition Honors**

**Course Number:** 23.2610040

**\*See Mr. Martin – Room 834**

**Description:** Same description as 9<sup>th</sup> Grade Literature and Composition Honors with the following addition: Research component.

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

**Course Number:** 23.0620000

**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: 10th Grade Literature and Composition Honors**

**Course Number:** 23.0620040 Year

**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: Gifted 10th Grade Literature and Composition Honors**

**Course Number:** 23.2620040

**\*See Mr. Martin – Room 834**

**Description:** Same description as 10<sup>th</sup> Grade Literature and Composition Honors with the following addition: Research component.

**Course Name: 11th Grade American Literature and Composition**

**Course Number:** 23.0510000

**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: 11th Grade American Literature and Composition Honors**

**Course Number:** 23.0510040

**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 English Language and Composition /American Literature**

**Course Number:** 23.0530010

**Description:** This course is a study of rhetoric and the power of language, as well as a 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. This is a college-level course, and successful students find that independent study is necessary. Because this is a college course, extra credit will not be offered and recovery will be offered on a limited basis only.

**Course Name: Multicultural Literature and Composition**

**Course Number:** 23.0670001

**Description:** Multicultural Literature and Composition focuses on world literature by and about people of diverse ethnic backgrounds. Students explore themes of linguistic and cultural diversity by comparing, contrasting, analyzing, and critiquing writing styles and universal themes. The students write expository, analytical, and response essays. A research component is critical. The students observe and listen critically and respond appropriately to written and oral communication. Conventions are essential for reading, writing, and speaking. Instruction in language conventions will, therefore, occur within the context of reading, writing, and speaking rather than in isolation. The students understand and acquire new vocabulary and use it correctly in reading, writing, and speaking.

**Course Name: British Literature and Composition**

**Course Number:** 23.1520000

**Description:** This course focuses on the study of British literature, writing modes and genres, and essential conventions for reading, writing, and speaking. The students develop an understanding of chronological context and the relevance of period structures in British literature. The students develop an understanding of the ways the period of literature affects its structure and how the chronology of a work affects its meaning. The students encounter a variety of informational and literary texts and read texts in all genres and modes of discourse. While the continued focus is expository writing in British literature, the student will also demonstrate competency in a variety of writing genres: narrative, persuasive, and technical.

**Course Name: Advanced Composition Honors**

**Course Number:** 23.0340040

**Description:** This course focuses on engaging in analysis of literary works and practicing the craft of writing. Students will use British Literature as a basis for developing critical thinking and writing skills. Students will develop an understanding of the ways historical context influences writing, structure, and word choice. The students encounter a variety of informational and literary texts and read texts in all genres and modes of discourse.

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

**Course Number:** 23.0650010

**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: Contemporary Literature and Composition / Film Study**

**Course Number:** 23.0660001

**Description:** Contemporary Literature is a one-semester elective. The course is a study of modern topics and themes as they appear in multi-media formats. Students develop vocabulary and apply effective critical thinking strategies to a wide variety of film genres while learning about universal themes common in not only multi-media formats but classic texts as well. Students compare, contrast and evaluate film from varying genres and progressively incorporate writing, critical thinking, listening, oral presentation, and research skills to advance their ability to learn from a media source so prevalent in their lives.

**Course Name: Writer's Workshop**

**Course Number:** 23.0310001

**Description:** Writer's Workshop is a one semester elective. The course is designed to develop and stretch students' writing skills beyond the bounds of theoretical academic frame works. It offers opportunities for students to explore different writing genres: personal and commercial narrative, poetry/song lyrics, flash fiction, screen-play, and persuasive modes of discourse. The students will study

different writers and their writing styles. The students will have opportunities to improve writing proficiency through a complete study of the components of solid writing: fluency, style, diction, mechanics, grammar, imaginative expressions, and details. The course allows students to utilize the writing process to write independently and collaboratively to improve their writing. This course is recommended for students who thoroughly enjoy the writing process.

**Course Name: Journalism/Newspaper I**

**Course Number:** 23.0320000

**\*See Mr. Yarbrough – Media Center Lab**

**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

**\*See Mr. Yarbrough – Media Center Lab**

**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

**\*See Mr. Yarbrough – Media Center Lab**

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

**Course Name: Sports Journalism**

**Course Number:** 23.0340400

**\*See Mr. Yarbrough – Media Center Lab**

**Description:** Sports Journalism - This series of courses is an introduction to sports online newspaper writing, and publishing, while also providing on-air talent for sporting events. Students will learn how to provide play-by-play and analysis of live Northview Events. Students use computers to write and edit articles and to prepare layouts for the school online newspaper and for providing graphics of sporting events. Students will watch sporting events and learn how to craft expert opinions of the events they cover. This course requires an after school commitment to cover the events for our streaming network.

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

**Course Number:** 23.0320008

**\*See Ms. Pope – Room 539**

**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 and learn the basics of graphic design gaining hands-on computer experience. Students are also expected to raise money through advertising and fundraising activities, thus developing basic business skills.

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

**Course**

**Number:** 23.0330008

**\*See Ms. Pope – Room 539**

**Description:** A continuation of Literary Magazine I that provides students with leadership opportunities as well as more in-depth computer design experience. As leaders, students are expected to synthesize submissions by other students, lead Literary Magazine I students in this synthesis process, critique submissions, analyze the overall impact of the magazine, and design layout and overall magazine

product. Literary Magazine II students are also expected to submit their own creations, furthering the impact they have as writers and artists on the school as well as the community. As leaders, they organize the funding of the magazine ensuring it is a marketable product.

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

**Course Number:** 23.0350008

**\*See Ms. Pope – Room 539**

**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

**\*See Mr. Rawlin – Room 503**

**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

**\*See Mr. Rawlin – Room 503**

**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

**\*See Mr. Rawlin – Room 503**

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

**Course Name: Speech/Forensics I**

**Course Number:** 23.0460001

**Description:** This course offers instruction in the foundational skills for public speaking and for debate. Students learn how to utilize vocal and physical performance to enhance their message when speaking for an audience, and they gain experience in speaking for different purposes. Through debates, students explore ethical argumentation and learn cooperation and research skills as they prepare arguments to address national and international issues.

**Course Name: Speech/Forensics II**

**Course Number:** 23.0470001

**\*See Ms. Ulrich – Room 506**

**Description:** This course works in conjunction with the after-school competitive debate team, and strives to stimulate 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. Students must be members of the Speech and Debate team and must receive permission from advisor to enroll in the class.

**Course Name/Course Number:**

**SAT Prep** 35.0660001 Semester during 0 period, 7:30 – 8:20 each day.

**SAT Prep** 35.3660002 Semester **online** during regular school day

**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 online during the school day through GA Virtual Schools.

**Course Name: Mythology**

**Course Number:** 23.0210001

**Description:**

This course is an introduction to the best known and most influential Greek and Roman myths. In addition to the stories themselves, which are presented in approximate chronological sequence from the beginning of the universe to the founding of Rome, the course emphasizes the people who created these stories, as well as the literary, archaeological, artistic sources, and modern representations which have preserved them. Focus is also placed on the comparative study of plot, characters, and theme.

**Course Name: College English****Description:**

**ENGL 1101 Composition and Rhetoric** (Prerequisite: Degree level proficiency in English and reading; or ENGL 0098 and READ 0098) Explores the analysis of literature and articles about issues in the humanities and in society. Students practice various modes of writing, ranging from exposition to argumentation and persuasion. The course includes a review of standard grammatical and stylistic usage in proofreading and editing. An introduction to library resources lays the foundation for research. Topics include writing analysis and practice, revision, and research. Students write a research paper using library resources and using a formatting and documentation style appropriate to the purpose and audience.

**ENGL 1102 Literature and Composition** (Prerequisite: ENGL 1101) Develops writing skills beyond the levels of proficiency required by ENGL 1101. ENGL 1102 emphasizes the student's ability to read literature analytically and meaningfully and to communicate clearly. Students analyze the form and content of literature in historical and philosophical contexts. Topics include reading and analysis of fiction/nonfiction, poetry, and drama; research; and writing about literature.

## **MARKETING: MARKETING & MANAGEMENT**

**Course Name: Marketing Principles**

**Course Number:** 08.4740000

**Description:** Want to learn more about the branding of your favorite products from development to production? Are you interested in the advertising campaigns of big businesses such as Coca Cola or Apple? This is the foundational course for the new pathway in Marketing. Marketing Principles addresses all the ways in which marketing satisfies consumer and business needs and wants for products and services. Students develop an understanding of the functions of marketing and how these functional areas affect all businesses. They learn basic marketing concepts and the role of marketing in our economy. Students also develop skills in applying economic concepts to marketing, distribution and logistics, marketing information management, finance in marketing, product/service planning, pricing mixes, promotional strategies, and personal selling.

**Course Name: Marketing & Entrepreneurship**

**Course Number:** 08.4410000

**Description:** Want to own your own business? If so, this marketing course is for you! This course will allow you to build on the theories learned in Marketing Principles by providing practical application scenarios which test these theories. During the class period, you will be managing and operating the school store—The N Zone. You will learn about personal selling, promotion, and teamwork with an emphasis on small business ownership. Along with your classwork, you are asked to work in the store which comprises a portion of your class grade and is very important! Also, just like any business, you will be responsible for maintaining the appearance of the store. Operating the N Zone can be a great learning experience (and a lot of fun too!)

**Course Name: Marketing Management**

**Course Number:** 08.4420000

**Description:** Marketing Management is the third course in the Marketing and Management pathway. As with the previous marketing course, you will continue to operate the school stores, The N Zone and N Zone Coffee Co. However, in this course you assume more control over the business with a managerial perspective. You will be able to meet with vendors like Under Armour and Tervis to help select the merchandise the store sells and analyze our operation's needs. This is a wonderful opportunity for you to gain valuable leadership and work experience as you continue to learn the ins and outs of running a small business!

## MATHEMATICS

**Course Name:** GSE Coordinate Algebra

**Course Number:** 27.0971000

**Description:** The fundamental purpose of Coordinate Algebra is to formalize and extend the mathematics that students learned in the middle grades. The critical areas, organized into units, deepen and extend understanding of linear relationships, in part by contrasting them with exponential phenomena, and in part by applying linear models to data that exhibit a linear trend. Coordinate Algebra uses algebra to deepen and extend understanding of geometric knowledge from prior grades. The final unit in the course ties together the algebraic and geometric ideas studied. The Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

**Course Name:** GSE Coordinate Algebra Support

**Course Number:** 27.1981000

**Description:** Students recommended for GPS Algebra Support will complete this course concurrently with GPS Algebra. The contents of this course supplement the GPS 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:** GSE Accelerated Coordinate Algebra Honors

**Course Number:** 27.0975040

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

**Course Name:** GSE Geometry

**Course Number:** 27.0972000

**Description:** The focus of Geometry on the coordinate plane is organized into 6 critical areas. Transformations on the coordinate plane provide opportunities for the formal study of congruence and similarity. The study of similarity leads to an understanding of right triangle trigonometry and connects to quadratics through Pythagorean relationships. The study of circles uses similarity and congruence to

develop basic theorems relating circles and lines. The need for extending the set of rational numbers arises and real and complex numbers are introduced so that all quadratic equations can be solved. Quadratic expressions, equations, and functions are developed; comparing their characteristics and behavior to those of linear and exponential relationships from Coordinate Algebra. Circles return with their quadratic algebraic representations on the coordinate plane. The link between probability and data is explored through conditional probability. The Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

**Course Name: GSE Geometry Support**

**Course Number:** 27.1982000

**Description:** Students recommended for GPS Geometry Support will take this course concurrently with GPS Geometry. This course will supplement the curriculum of the GPS 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 GPS Algebra, or for students who were enrolled in GPS Algebra Support in the 9<sup>th</sup> grade.

**Course Name: GSE Accelerated Geometry Honors**

**Course Number:** 27.0976040

**Description:** The focus of Accelerated GSE Geometry B / Algebra 2 is organized into 10 critical areas. The need for extending the set of rational numbers arises and real and complex numbers are introduced so that all quadratic equations can be solved. Quadratic expressions, equations, and functions are developed; comparing their characteristics and behavior to those of linear and exponential relationships from Coordinate Algebra. Circles return with their quadratic algebraic representations on the coordinate plane. The link between probability and data is explored through conditional probability. They apply methods from probability and statistics to draw inferences and conclusions from data. Students expand their repertoire of functions to include polynomial, rational, and radical functions. They expand their study of right triangle trigonometry to model periodic phenomena. And, finally, students bring together all of their experience with functions and geometry to create models and solve contextual problems. The Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

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

**Course Number:** 27.2976040

**Description:** The focus of Accelerated GSE Geometry B / Algebra 2 is organized into 10 critical areas. The need for extending the set of rational numbers arises and real and complex numbers are introduced so that all quadratic equations can be solved. Quadratic expressions, equations, and functions are developed; comparing their characteristics and behavior to those of linear and exponential relationships from Coordinate Algebra. Circles return with their quadratic algebraic representations on the coordinate plane. The link between probability and data is explored through conditional probability. They apply methods from probability and statistics to draw inferences and conclusions from data. Students expand their repertoire of functions to include polynomial, rational, and radical functions. They expand their study of right triangle trigonometry to model periodic phenomena. And, finally, students bring together all of their experience with functions and geometry to create models and solve contextual problems. The Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

**Course Name: GSE Algebra 2**

**Course Number:** 27.0830000

**Description:** Analyze polynomial functions of higher degree; explore logarithmic functions as inverses of exponential functions; solve a variety of equations and inequalities numerically, algebraically, and graphically; use matrices and linear programming to represent and solve problems; use matrices to represent and solve problems involving vertex-edge graphs; investigate the relationships between lines and circles; recognize, analyze, and graph the equations of conic sections; investigate planes and

spheres; solve problems by interpreting a normal distribution as a probability distribution; and design and conduct experimental and observational studies.

**Course Name: GSE Algebra 2 Support**

**Course Number:** 27.1460000

**Description:** Students recommended for GPS Algebra 2 Support will take this course concurrently with GPS Algebra 2. This course will supplement the curriculum of the GPS Algebra 2 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 GPS Algebra or GPS Geometry, or for students who were enrolled in GPS Algebra Support or GPS Geometry Support.

**Course Name: GSE Accelerated Precalculus Honors**

**Course Number:** 27.0930040

**Description:** Investigate and use rational functions; analyze and use trigonometric functions, their graphs, and their inverses; find areas of triangles using trigonometric relationships; use trigonometric identities to solve problems and verify equivalence statements; solve trigonometric equations analytically and with technology; use complex numbers in trigonometric form; understand and use vectors; use sequences and series; explore parametric representations of plane curves; explore polar equations; investigate the Central Limit theorem; and use margins of error and confidence intervals to make inferences from data

**Course Name: GSE Precalculus**

**Course Number:** 27.0624000

**Description:** Investigate and use rational functions; analyze and use trigonometric functions, their graphs, and their inverses; use trigonometric identities to solve problems and verify equivalence statements; solve trigonometric equations analytically and with technology; find areas of triangles using trigonometric relationships; use sequences and series; understand and use vectors; investigate the Central Limit theorem; and use margins of error and confidence intervals to make inferences from data.

**Course Name: Calculus**

**Course Number:** 27.0780000

**Description:** Calculus is the mathematics of change and motion and the concepts are based on infinite process. Calculus examines problems in four ways: graphically, numerically, analytically, and in written expression. Topics include properties of functions and graphs, limits and continuity, differential calculus, and integral calculus.

**Course Name: Advanced Mathematical Decision Making**

**Course Number:** 27.0850000

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

**Course Name: Advanced Placement Calculus AB**

**Course Number:** 27.0720010

**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 four 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

**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 four 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

**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 Algebra: Fall semester**

**College Precalculus: Spring semester**

**Descriptions:**

**MATH 1111 College Algebra** (Prerequisite: Appropriate degree placement test scores or ENGL 0098, READ 0098 and MATH 0099). Emphasizes techniques of problem solving using algebraic concepts. Topics include fundamental concepts of algebra, equations and inequalities, functions and graphs, and systems of equations; optional topics include sequences, series, and probability or Geometry.

**MATH 1113 Precalculus** (Prerequisite: MATH 1111) Prepares students for calculus. The topics discussed include an intensive study of polynomial, rational, exponential, logarithmic, and trigonometric functions and their graphs. Applications include simple maximum and minimum problems, exponential growth and decay.

**Course Name/Course Number:**

**College Calculus 2** 27.0750405\*

**College Calculus 3** 27.0750406\* ***\*co-requisites; students must register for both courses***

**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 **online** during regular school day

**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 online during the school day

through GA Virtual Schools.

## **MUSIC**

**Course Name: Advanced Placement Music Theory**

**Course Number:** 53.0230010

**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/Course Number:**

**Piano Lab I - A** 53.0941001

**Piano Lab I - B** 53.0941002

**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: Intermediate Orchestra I, II, III, IV - Concert Orchestra**

**Course Number:** 53.0582000

**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: Advanced Orchestra I, II, III, IV - Philharmonia Orchestra**

**Course Number:** 53.0583000

**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: Mastery Orchestra I, II, III, IV - Chamber Orchestra**

**Course Number:** 53.0584000

**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: Intermediate Band I, II, III, IV – Symphonic Winds**

**Course Number:** 53.0382000

**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: Advanced Band I, II, III, IV – Chamber Winds**

**Course Number:** 53.0383000

**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: Mastery Band I, II, III, IV – Chamber Ensemble**

**Course Number:** 53.0384000

**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: Percussion I,II,III,IV – Percussion Class**

**Course Number:** 53.07610000

**Description:** Percussion class is composed of intermediate percussionists who need additional training before entering a concert band class at Northview. This group is by audition only, and is open to students in grades 9-12. This class meets during 1<sup>st</sup> period daily. This group will perform on the fall, winter, and spring concerts.

**Course Name: Advanced Mixed Chorus**

**Course Number:** 54.0231000

**Description:** An advanced ensemble that performs a wide variety of choral literature from classics to contemporary. 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:**

**Advanced Women's Chorus:** 54.0261000

**Description:** Advanced ensembles that perform a wide variety of choral literature from classics to contemporary. 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.

## SCIENCE

### Science Graduation Requirements:

**Level 1: Biology**

**Level 2: Physical Science or Physics**

**Level 3: Chemistry, Earth Systems, Environmental Science, or an AP course**

**Level 4: Elective**

**Course Name: Biology**

**Course Number:** 26.0120000

**Graduation Credit:** Will satisfy level 1 science graduation credit if pass both semesters.

**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 20% of the final grade.

**Course Name: Biology Honors**

**Course Number:** 26.0120040

**Graduation Credit:** Will satisfy level 1 science graduation credit if pass both semesters.

**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 20% of the final grade.

**Course Name: Gifted Biology Honors**

**Course Number:** 26.2120040

**Graduation Credit:** Will satisfy level 1 science graduation credit if pass both semesters.

**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 20% of the final grade.

**Course Name: Physical Science**

**Course Number:** 40.0110000

**Graduation Credit:** Will satisfy level 2 science graduation credit if pass both semesters.

**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. An end of course test in physical science 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 20% of the final grade.

**Course Name: Chemistry**

**Course Number:** 40.0510000

**Graduation Credit:** Will satisfy level 3 science graduation credit if pass both semesters. Can also be a level 4 science graduation credit when either earth systems or environmental science was the level 3 science graduation credit.

**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

**Graduation Credit:** Will satisfy level 3 science graduation credit if pass both semesters

**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, reaction rates, characteristics of acids, bases and solutions, equilibrium, and other topics as time allows. Honors Chemistry students are required to complete an in-depth, individual literature review during the first semester.

**Course Name: Physics**

**Course Number: 40.0810000**

**Graduation Credit:** Will satisfy the level 2 science graduation credit if pass both semesters. Can be used to satisfy the level 4 science graduation credit if physical science was used as the level 2 science graduation credit.

**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.

**Course Name: Environmental Science**

**Course Number: 26.0611000**

**Graduation Credit:** Will satisfy the level 3 science graduation credit if pass both semesters. Can be used as a level 4 science graduation credit if chemistry or earth systems was the level 3 science graduation credit.

**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**

**Graduation Credit:** Will satisfy level 4 science graduation credit if passed both semesters.

**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.

**Course Name: Human Anatomy and Physiology Honors**

**Course Number: 26.0730040**

**Graduation Credit:** Will satisfy level 4 science graduation credit if passed both semesters.

**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**

**Graduation Credit:** Will satisfy level 4 science graduation credit if pass both semesters.

**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: Earth Systems****Course Number:** 40.0640000**Graduation Credit:** Will satisfy level 3 science graduation credit if pass both semesters. Can be used for level 4 science graduation credit when chemistry or environmental science was completed for level 3 science graduation credit.**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: Advanced Placement Biology****Course Number:** 26.0140010**Graduation Credit:** Will satisfy level 4 science graduation credit if passed both semesters.**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.**Course Name: Advanced Placement Environmental Science****Course Number:** 26.0620010**Graduation Credit:** Will satisfy level 4 science graduation credit if passed both semesters.**Description:** This course investigates the interaction between people and the four main Earth systems – the hydrosphere, atmosphere, lithosphere, and biosphere. Students are expected to do work appropriate to a college course covering the same material. Topics include Earth systems, the living world, population, land and water use, energy resources and consumption, pollution, and global change,. Students will read textual information, conduct laboratory investigations, complete projects, and discuss course concepts. The AP examination devotes 90 minutes to multiple-choice questions and 90 minutes to four essays.**Course Name: Advanced Placement Chemistry****Course Number:** 40.01100004**Graduation Credit:** Will satisfy level 4 science graduation credit if passed both semesters.**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: Advanced Placement Physics 1****Course Number:** 40.0830010**Graduation Credit:** Will satisfy the level 2 science graduation credit if pass both semesters. Can be used as level 4 science graduation credit when physics was used to satisfy the level 2 science graduation credit.**Description:** This course provides a thorough introduction to algebra-based physics, in particular Newtonian mechanics. An emphasis is placed on the use of laboratory experiences to develop and further an understanding of the concepts. The course is equivalent to a first-semester college course in algebra-based physics and is not the usual preparation for more advanced physics and engineering

courses. The AP Physics 1 exam covers topics in Newtonian mechanics; work, energy and power; and mechanical waves and sound. The course will also include a thorough introduction to topics in electricity and magnetism which will not be evaluated on the AP Physics 1 exam.

**Course Name: Advanced Placement Physics C - Mechanics**

**Course Number:** 40.0842011

**Graduation Credit:** Will satisfy level 4 science graduation credit if passed both semesters of Physics C

**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: Advanced Placement Physics C – Electricity & Magnetism**

**Course Number:** 40.0842012

**Graduation Credit:** Will satisfy level 4 science graduation credit if passed both semesters of Physics C.

**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: Forensic Science**

**Course Number:** 40.0930000

**Graduation Credit:** Will satisfy level 4 science graduation credit if pass both semesters.

**Description:** In this course students will learn the scientific protocols for analyzing a crime scene, how to use chemical and physical separation methods to isolate and identify materials, how to analyze biological evidence and the criminal use of tools, including impressions from firearms, tool marks, arson, and explosive evidence.

## **SOCIAL STUDIES**

**Course Name: American Government/Civics**

**Course Number:** 45.0570001

**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

**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

**Description:** While offered in the tenth grade, this is a college-level history course and is taught with corresponding expectations. Students should have higher-level analytical skills and a strong commitment to maintaining the study habits and self-discipline required of an AP course. This course focuses on developing students' understanding of world history from approximately 8000 B.C.E. to the present. The course has students investigate the content of world history for significant events, individuals, developments, and processes in six historical periods, and develop and use the same thinking skills and methods (analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation) employed by historians when they study the past. The course also provides five themes (environment, politics, social structures, economics, culture) that students explore throughout the course in order to make connections in different times and places encompassing the five major geographic regions of the globe: Africa, the Americas, Asia, Europe, and Oceania. In addition to regular coursework, students will take the three-hour College Board AP Exam in May. It consists of 55 stimulus-based multiple-choice questions, a series of short answer questions, a document-based essay, and a long-essay using one of the aforementioned historical thinking skills.

**Course Name: United States History**

**Course Number:** 45.0810000

**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

**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 European History**

**Course Number:** 45.0840010

AP European History engages the student in extensive reading and writing about developments in Europe from 1450, from the Early Renaissance to the present day. The course corresponds with the most recent developments in history curricula at the undergraduate level. In colleges and universities, European history is increasingly seen in a broad [global] perspective, [in terms of Europe's influence on the world, and of the world on her]. Teaching methods reflect an awareness of other disciplines and diverse techniques of presentation, including visual and statistical materials. Students learn to craft thematic essays on topics of major significance, some are Free Response Questions (or FRQs); other required essays are the Document Based Questions (or DBQs). There are also multiple-choice sections of each test, and the exam. All types of questions in the course will address "PIRATES" themes in Europe: Political, Intellectual, Religious Artistic, Technological, Economic, Sociocultural, plus Diplomatic.

**Course Name: Economics**

**Course Number:** 45.0610001

**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/Microeconomics**

**Course Number:** 45.0620011

**Description:** These college-level courses fulfill core curriculum graduation requirements for 0.5 credits for Economics. In Macroeconomics, 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. While AP Macroeconomics “studies the forest,” AP Microeconomics “studies the trees.” In Microeconomics, 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 second semester of these combined courses. A “graded experience project” will replace the final exam during the EOCT semester. Students also take the College Board Exam for each AP class in May. The AP Macroeconomics exam and the AP Microeconomics exam consist of two sections on each exam: a 70-minute multiple-choice section, and a 50-minute essay section.

**Course Name: Advanced Placement Psychology**

**Course Number:** 45.0160010

**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.

**Course Name: Advanced Placement Human Geography**

**Course Number:** 45.0770010

**Description:** *AP Human Geography* introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the Earth’s surface. Students learn to employ spatial concepts and landscape analysis to examine human socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. Students will learn how to think geographically—using maps, population issues, cultural patterns, political organization of space, agricultural and rural land use, industrialization and economic development. According to the College Board, by the end of the course, students should be more geoliterate, more engaged in contemporary global issues and more multicultural in their viewpoints. They should see geography as a discipline relevant to the world in which they live—as a source of ideas for identifying, clarifying, and solving problems at various scales—and as a key component of building **global citizenship** and **environmental stewardship**.

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

**Course Number:** 45.0530011

**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 Government/Politics U.S.**

**Course Number:** 45.0520011

**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: Sociology**

**Course Number:** 45.0310003

**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: Tech in Society / Film & Culture**

**Course Number:** 45.0130002

**Description:** Social Issues Through Media will cover current news events, historical events, social issues, bias, the media in the context of motion pictures, television, major news networks, social media, the internet and Web 2.0 technologies. The course will seek to find biases in media by looking at various sources of news. Students will look at historical events and time periods in relation to current media such as films and television. Students will participate in Socratic discussions, complete critiques and written analysis.

**Course Name: US History in Film**

**Course Number:** 45.0812001

**Description:** This course will cover the entirety of US film history, including the early influences from within the US and the stylistic influences from abroad. This course will cover a wide array of standards from US history, World History, and English. Students will analyze films from a myriad of perspectives including stylistically, historically, aesthetically, and culturally. Students will use a variety of tools to create projects that will depict the transition of film from a carnival novelty to the blockbuster cultural phenomena of today.

**Course Name: Human Behavior and Anthropology**

**Course Number:** 45.0140003

**Description:** Why do humans behave the way they do? Anthropology is the study of humans and humanity—past and present. It stands at the intersection of science, archeology, history, humanities, medicine and the future as a way of solving problems. This course is for those who are interested in social science and the humanities—especially if considering a career path in medicine, law, research/development, politics, journalism, finance, engineering or business. Genetics, nanotechnology, holistic medicine, pandemics, epidemics, diseases and cures will be featured as part of the study of humans.

The instructional approach to this courses will be to embrace multiple perspectives and focus on multi-cultural points of intersection and digression—with touchstone places in the world which are valued by our students held central when possible (Southwest/Central Asia, East Asia, India, the Korean peninsula, and Japan).

Students will engage in inquiry-oriented projects related to Social Studies and be expected to participate in robust intellectual discourse.

**Course Name: Current Events / Current Issues**

**Course Number:** 45.0120001

**Description:** Simply put, this class is for students who want to know more about what is going on in the world today. This course will provide students the opportunity to research and discuss current issues garnering domestic and international attention. While the class will focus on headline news, attention will

also be paid to news topics emanating from fields such as science, art, politics, and editorials. Expect an interactive classroom environment, as participation in discussions and presentations may be required. This course also ties in well with clubs that have an international focus, such as Model U.N. or Model Arab League.

**Course Name: National Security / Modern Warfare**

**Course Number: 45.0910603**

**Description:** Scope of the course: An Analysis of Social, Political, and Economic Factors That Contribute to War. Students will examine the role of the military and conflict on both the ancient and modern world. Students will research and analyze the strategic, technological, cultural, and political influence of warfare on human history and the development of civilizations from Ancient Greece to the war in Afghanistan. Additionally, this course will debate the many reasons why Military History is the most common theme of modern popular history. In addition, students will learn to think critically about war as it has occurred across time and continents. They will analyze how cultural, political, and social institutions have been causal agents of war as well as how they have been shaped by war.

**Course Name: Psychology**

**Course Number: 45.0150001**

**Description:** This course will introduce students to the systematic and scientific approach to the study of human behavior and mental processes. Students will explore a general overview of the various aspects of psychology including: research methods, biological basis of behavior, sensation and perception, learning, memory, motivation and emotion, personality, intelligence, developmental psychology and abnormal psychology and treatments. This will be accomplished through the use of case studies, videos, and hands on activities to better understand how we work and function as human beings.

## **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

**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. With exception of HIRE ME or TAG Advisement - to which all TAG students are invited - TAG independent projects or "interest seminars" are available to you, for the purpose of obtaining your TAG "Participation Credit," during your lunch any day of the week in Room 522 if you do NOT have any .2 course on your schedule. Please see Mr. Martin if you are TAG and do not have a .2 course.

**\*See Mr. Martin – TAG office Room 522**

**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

**Description:** The Directed Study option allows TAG students to develop and design 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 per semester. Students work with a TAG teacher who directs their study and evaluates their progress. Pre-requisite: application and discussion with counselor.

**\*See Mr. Martin – TAG office Room 522**

**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

**Description:** This course provides an on-site (off campus), mentorship/internship 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, or any career of the student's interest. Students are placed with a professional in their career field of choice and are evaluated by the on-site supervisor in addition to the TAG teacher. The pre-requisites for this course are the successful completion of the HIRE ME! Seminar and to have already participated in a career interest interview with the Internship county level coordinator.

**\*See Mr. Martin – TAG office Room 522**

## **THERAPEUTIC SERVICES – PHYSICAL MEDICINE / SPORTS MEDICINE / PUBLIC HEALTH**

**Course Name: Introduction to Healthcare Science**

**Course Number:** 25.4210000

**Description:** This course will enable students to receive initial exposure to the many Healthcare Science careers as well as employability, communication, and technology skills necessary in the healthcare industry. The concepts of human growth and development, interaction with patients and family members, health, wellness, and preventative care are evaluated, as well as the legal, ethical responsibilities of today's healthcare provider. Fundamental healthcare skills development is initiated including microbiology, basic life support and first aid. This course will provide students with a competitive edge to be the better candidate for either entry into the healthcare global marketplace and/or the post-secondary institution of their choice to continue their education and training.

**Course Name: Essentials of Healthcare**

**Course Number:** 25.4220000

**Description:** The Essentials of Healthcare is a medical-focused anatomy course addressing the physiology of each body system, along with the investigation of common diseases, disorders and emerging diseases. The prevention of disease and the diagnosis and treatment that might be utilized are addressed, along with medical terminology related to each system. This course provides an opportunity to demonstrate technical skills that enforce the goal of helping students make connections between medical procedures and the pathophysiology of diseases and disorders. *Can count as a Human Anatomy Science credit.*

**Course Name: Sports Medicine****Course Number:** 25.4460000

**Description:** The course is appropriate for students who wish to pursue a career in healthcare with a focus on the musculoskeletal system, injury assessment, injury prevention, or rehabilitation including careers in Sports Medicine and Rehabilitative Services. This course will enable students to receive initial exposure to therapeutic services skills and attitudes applicable to the healthcare industry. The concepts of anatomy and physiology, assessment, preventative and rehabilitative care are introduced. Fundamental healthcare skills development is initiated, including medical terminology, kinesiology, patient assessment, record keeping, and basic life support.

## WORLD LANGUAGES

Each World Language has a Pathway, at least 3 years are required, in addition to the 4 credits of science, math, history & English. A minimum of three years is required to complete a World Language Pathway, and 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

**Description:** Beginning level Chinese is designed to introduce students to the Chinese language and the culture of Chinese-speaking people. 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.

**Course Name: Chinese II  
Course****Number:** 62.0120000

**Description:** Chinese II 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 & visiting; weather & seasons; making purchases; eating at restaurants and home, ordering a meal; holidays & festivals.

**Course Name: Chinese II Honors  
Course Number:**

62.0120040

**Description:** Chinese II Honors 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; health checkups and hospital; weather & seasons; making purchases; ordering a meal; holidays & festivals; Chinese culture. Topics are broader in scope and studied to more depth within the Honors course.

**Course Name: Chinese III**  
**Course**  
**Number:** 62.0130000

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

**Course Name: Chinese III Honors**  
**Course**  
**Number:** 62.0130040

**Description:** Chinese III Honors emphasizes advanced structures of the language through a thorough practice in reading, writing, speaking and listening. Major topics include: Chinese characters & pronunciation; time & weather; family & friends/relationships; food & restaurants; money & shopping; school & education; daily & leisure-time activities; service & repairs; clothing & personal appearance; transportation; vacation & travel; Chinese culture. Topics are broader in scope and studied to more depth within the Honors course.

**Course Name: Chinese IV Honors**  
**Course**  
**Number:** 62.0140040

**Description:** Chinese IV 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 & personal events; sites of interests & entertainment; Chinese society; geography & population; the generation gap; travel, climate & transportation; holidays; current events; children's literary themes; visual arts; literary selections.

**Course Name: Chinese V Honors**  
**Course Number:** 62.0105000

**Description:** This course integrates a systematic review of concepts learned in the first four levels of Chinese. Continued emphasis is placed on communication skills and cultural information. The course is designed for students to improve speaking, listening, reading and writing skills in preparation for their college placement. Major topics include: career, film & television; language & literature; Chinese customs & traditional values; travel & tourism; economic growth.

**Course Name: Advanced Placement Chinese Language and Culture**  
**Course**  
**Number:** 60.0196010

**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.

**Course Name: French 1**

**Course Number:**

60.0110000

**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

**Course Name: French II**

**Course**

**Number:** 60.0120000

**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

**Course Name: French II Honors**

**Course**

**Number:** 60.0120040

**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

**Course Name: French III**

**Course**

**Number:** 60.0130000

**Description:** French 3 emphasizes advanced structures of the language through practice in reading, writing, speaking and listening. Major topics include: food and restaurants, health, technology, professions, city life, and French culture.

**Course Name: French III Honors**

**Course Number:**

60.0130040

**Description:** French 3 Honors emphasizes advanced structures of the language through intensive practice in reading, writing, speaking and listening. Major topics include: food and restaurants, health, technology, professions, city life, and French culture. Topics are broader in scope and studied to more depth within the Honors course.

**Course Name: French IV**

**Course****Number:** 60.0140000

**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; writing enhancement; relationships; French culture; francophone world.

**Course Name: French IV Honors****Course****Number:** 60.0140040

**Description:** French 4 Honors is conducted entirely in French and emphasizes a high level of facility of advanced structures of the language through intensive 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: relationships; education; literary selections; current events; daily life; writing enhancement; French culture; francophone world. Topics are broader in scope and studied to more depth within the Honors course.

**Course Name: French V Honors****Course Number:**

60.0160040

**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: current events; music; film and theater; art; various kinds of media; French culture.

**Course Name: Advanced Placement French Language and****Culture****Course****Number:** 60.0170010

**Description:** The AP French Language Course prepares students for the Advanced Placement exam offered by the College Board. This course promotes both fluency and accuracy in language use. The AP French Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of products, practices, and perspectives. Through the use of a wide variety of authentic materials, students will examine the French language while polishing their comprehension and comprehensibility; vocabulary usage; language control; communication strategies; and cultural awareness. Grammar is addressed through the use of authentic materials and communication practice, rather than through formal review. The focus of the course is on improving communication skills through discussion of real-world topics. Debates, discussions on current events, and open dialogues encourage participation in conversation on varied topics. Purposeful writing assignments draw on both text and audio sources. Major themes include family and communities; science and technology; beauty and aesthetics; contemporary life; global challenges; and personal and private identities.

**Course Name: German I****Course Number:** 61.0110000

**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 & friends; days of the week & time; youth activities & school life; weather & shopping; ordering food; special occasions; hobbies & sports; German culture.

**Course Name: German II**

**Course Number:** 61.0120000

**Description:** German II emphasizes oral fluency and expects distinct growth in vocabulary and sentence patterns for functional use. Major topics include: Greetings & festivals; clothing; house & chores; transportation & driving; vacations & restaurant; metric system; technology & media; German culture.

**Course Name: German II Honors**

**Course Number:** 61.0120040

**Description:** German II 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; clothing; house & chores; transportation & driving; vacations & restaurant; metric system; technology & media; German culture.

**Course Name: German III**

**Course Number:** 61.0130000

**Description:** German III emphasizes advanced structures of the language through a thorough practice in reading, writing, speaking and listening. Major topics include: offering and accepting gifts; inquiring about prices & travel arrangements; obtaining information, identifying people; sequencing events and expressing wishes; describing daily routines; inquiring about details; asking & giving directions; expressing preferences/politeness; describing talents & abilities and current situations; German culture.

**Course Name: German III Honors**

**Course Number:** 61.0130040

**Description:** German III Honors emphasizes advanced structures of the language through a thorough practice in reading, writing, speaking and listening, at an accelerated pace. Major topics include: offering & accepting gifts; inquiring about prices & travel arrangements; obtaining information, identifying people; sequencing events & expressing wishes; describing daily routines; inquiring about details; asking & giving directions; expressing preferences/politeness; describing talents & abilities and current situations; developing & supporting an argument; proposing solutions to problems; comparing cultural trends over time; creation of a class newspaper or magazine; German culture.

**Course Name: German IV**

**Course Number:** 61.0150000

**Description:** German IV 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.

**Course Name: German IV Honors**

**Course Number:** 61.0150040

**Description:** German IV 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, and German culture.

**Course Name: German V Honors**

**Course Number:** 61.0150040

**Description:** This course integrates a systematic review of concepts learned in the first four levels of German. Continued emphasis is placed upon communicative skills and cultural information. Major topics include German culture, film and theater, art, media, music, literature, current events and historical events.

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

**Course Number:** 61.0170010

**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. The class is conducted in German and the students are expected to communicate in the target language

**Course Name: Latin I**

**Course Number:** 61.0410000

**Description:** Latin I introduces students to the language and culture of ancient Rome. The course focuses on Latin as a literary language more than as a spoken language, with much of our work focusing on reading comprehension through written and oral exercises. Students read simplified Latin and focus on acquiring essential vocabulary for reading Latin. Students will also learn about the history and myth of ancient Greece and Rome begin to study culture, mythology and Roman history. Major topics include Latin pronunciation, introductory grammar, English derivatives, Roman history, Roman culture, and Greco-Roman myth.

**Course Name: Latin II**

**Course Number:** 61.0420000

**Description:** Latin II continues and expands a student's exploration of the language and culture of ancient Rome. The course focuses on Latin as a literary language more than as a spoken language, with much of our work focusing on reading comprehension through written and oral exercises. Students read more complex Latin and focus on acquiring topical vocabulary for reading Latin. Students will also learn about Greco-Roman history and myth. Major topics include Latin pronunciation, Latin grammar, English derivatives, Roman history, Roman culture, and Greco-Roman myth.

**Course Name: Latin II Honors**

**Course Number:** 61.0420040

**Description:** This advanced course continues and expands the study of the language and culture of ancient Rome. The course focuses on Latin as a literary language more than as a spoken language, with much of our work focusing on reading comprehension through written and oral exercises. Students read more complex Latin and focus on acquiring topical vocabulary for reading Latin. Students will also learn about Greco-Roman history and myth. Honors students also read foundational Greco-Roman literature in English translation, speak and recite in Latin, and incorporate additional projects into their learning experience. Major topics include Latin pronunciation, Latin grammar, English derivatives, Roman history, Roman culture, and Greco-Roman myth.

**Course Name: Latin III**

**Course Number:** 61.0430000

**Description:** Latin III introduces students to the elementary aspects of Latin literature. The course focuses on Latin as a literary language more than as a spoken language, with much of our work focusing on reading comprehension through written and oral exercises. Students read authentic Latin authors and focus on acquiring topical vocabulary for reading Latin. By the conclusion of the course, students are ready for sustained reading of classical authors. Students will also learn about Greco-Roman history and myth. Major topics include Latin pronunciation, Latin grammar, English derivatives, Roman history, Roman culture, and Greco-Roman myth.

**Course Name: Latin III Honors**

**Course Number:** 61.0430040

**Description:** This advanced course continues and expands the study of the language and culture of ancient Rome. Latin III introduces students to the elementary aspects of Latin literature. The course focuses on Latin as a literary language more than as a spoken language, with much of our work focusing on reading comprehension through written and oral exercises. Students read authentic Latin authors and focus on acquiring topical vocabulary for reading Latin. By the conclusion of the course, students are ready for sustained reading of classical authors. Students will also learn about Greco-Roman history and myth. Honors students also read foundational Greco-Roman literature in English translation, speak and recite in Latin, and incorporate additional projects into their learning experience. Major topics include Latin pronunciation, Latin grammar, English derivatives, Roman history, Roman culture, and Greco-Roman myth.

**Course Name: Latin IV Latin Literature Survey Honors**

**Course Number:** 61.0440040

**Description:** Latin IV is designed to be the culmination of a high school student's exploration of Latin as a literary language. Through a broad survey of select Latin authors, students will be able to explore, first-hand, the thoughts and opinions that came to define the Romans themselves throughout their history. Students will also explore elements of Latin composition and explore famous Greek originals that inspired later Western authors. Students will also explore various aspects of modern study in classics. Cultural topics will also include history, mythology, theatre, art, politics, geography, and daily life.

**Course Name: Advanced Placement Latin**

**Course Number:** 61.0470000

**Description:** Latin AP is a college-level course designed to familiarize students with two authors: Julius Caesar and Virgil. While still reading selections from other authors, the course is focused on reading Latin authors in depth and translating with accuracy. The course is focused on the writing of analytical essays, the parsing of Latin grammar, and the use of historical and cultural analysis. Students will demonstrate a grasp of author-specific grammar and vocabulary terms, as well as familiarity with specific knowledge of politics, myth, and culture of the 1st century BCE. 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

**Description:** This beginning level Spanish course is designed to introduce students to the Spanish language and cultures 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 include: greetings and courtesy expressions; school; time and dates; family; professions; pastimes; place in the city; travel and vacation; weather; clothing and shopping; Spanish-speaking cultures.

**Course Name: Spanish II****Course Number:**

60.0720000

**Description:** The objective of this course is to continue development in the four 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: daily routine and hygiene; food; celebrations and stages of life; health and medicine; technology and cars; Spanish-speaking cultures.

**Course Name: Spanish II Honors****Course Number:**

60.0720040

**Description:** This class moves at an accelerated pace and integrates a systematic review of first year concepts along with the new second year material. Continued emphasis upon communication skills is stressed. As this class is taught almost exclusively in Spanish, honors students are expected to use Spanish as the primary means of communication. This course continues the development of listening comprehension, reading, speaking and writing skills in order to promote an appreciation and understanding of the Spanish-speaking people, their cultures and civilizations. Topics are those from Spanish II but broader in scope and studied to more depth.

**Course Name: Spanish III****Course****Number:** 60.0730000

**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 include: homes and household chores; nature and environment; city life; money and banking; health and well-being; the workplace; Spanish-speaking cultures.

**Course Name: Spanish III Honors****Course****Number:** 60.0730040

**Description:** This course integrates material and skills from Spanish I and II with the new third year concepts and vocabulary. Continued emphasis upon communication skills is stressed. As this class is taught almost exclusively in Spanish, honors students are expected to use Spanish as the primary means of communication. This course continues the development of listening comprehension, reading, speaking and writing skills in order to promote an appreciation and understanding of the Spanish-speaking people, their cultures and civilizations. Topics are those from Spanish III but broader in scope and studied to more depth.

**Course Name: Spanish IV****Course****Number:** 60.0740000

**Description:** This course is primarily a culture and conversation class, with the class being conducted almost entirely in Spanish. Continued emphasis is on communicative skills. Students are encouraged to be able to understand and use the target language, both orally and written. Literary works related to social issues & communities, as well as cultural roles is presented. Students are exposed to various and

diverse Hispanic & Spanish Literature, media, music, culture, idiomatic expressions, current affairs, and other topics.

**Course Name: Spanish IV Honors**

**Course**

**Number:** 60.0740040

**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. Students are exposed to various and diverse Hispanic & Spanish Literature, media, music, culture, idiomatic expressions, current affairs, and other topics. This course serves as preparation for the AP Spanish Language and Culture course.

**Course Name: Spanish V Honors**

**Course**

**Number:** 60.0750040

**Description:** This course integrates a systematic review of first through fourth year concepts. Students are exposed to various and diverse Hispanic & Spanish Literature, media, music, culture, idiomatic expressions, current affairs, and other topics. Emphasis is placed on sharpening speaking, listening, reading and writing skills in preparation for college placement.

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

**Course Number:** 60.070010

**Description:** This course promotes both fluency and accuracy in language use. The AP Spanish Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of products, practices, and perspectives. Through the use of a wide variety of authentic materials, students will examine the Spanish language while polishing their comprehension and comprehensibility; vocabulary usage; language control; communication strategies; and cultural awareness. Grammar is addressed through the use of authentic materials and communication practice, rather than through formal review. The focus of the course is on improving communication skills through discussion of real-world topics. Debates, discussions on current events, and open dialogues encourage participation in conversation on varied topics. Purposeful writing assignments draw on both text and audio sources. Major themes include family and communities; science and technology; beauty and aesthetics; contemporary life; global challenges; and personal and private identities.

## **WORK BASED LEARNING EXPERIENCES**

**Course Name: Teaching - Work Based Learning**

**Course Number:** 13.711400

**\*See Ms. McCall in room 438**

**Description:** This course provides an opportunity for students to serve as a teaching assistant in a classroom setting

**Course Name: Office Assistant - Work Based Learning**

**Course Number:** 06.711500

**\*See Ms. McCall in room 438**

**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:** **Off Campus - Work Based Learning** - one period or two periods Work Study Paid Internship

**Course Number:** 06.7214000 (1A – 6<sup>th</sup> period)

06.7215000 (1A and 1B 5<sup>th</sup> and 6<sup>th</sup> periods)

**\*See Ms. McCall in room 438**

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