FULTON COUNTY BOARD OF EDUCATION

Centennial High School

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Home of the Knights

COURSE CATALOG

For Academic School Year 2015 – 2016

COLLABORATE • THINK • LEARN • CREATE

All information is current as of ***March 2015***

FULTON COUNTY SCHOOL SYSTEM GRADUATION REQUIREMENTS

CLASS of 2012 and beyond

Requirements	Courses	
Four (4) Units of English/Language Arts	▪ 9th Grade Literature – 1 unit ▪ 10th Grade Literature – 1 unit ▪ 11th Grade/American Literature – 1 unit **Or** ▪ (AP Lang/Composition)	**And one of the following senior English options:** ▪ World Lit/Composition - .5 unit **and** Multicultural Lit/Composition - .5 unit ▪ College English – 1 unit ▪ AP Lit/Composition – 1 unit
Four (4) Units of Mathematics	▪ CCGPS Algebra - 1 unit **Or** ▪ CCGPS Accelerated Algebra Honors – 1 unit ▪ CCGPS Geometry - 1 unit **Or** ▪ Accelerated Geometry Honors – 1 unit ▪ CCGPS Adv Algebra II - 1 unit **Or** ▪ Accelerated Pre-Calculus Honors – 1 unit	**And one of the following math options**: ▪ Mathematics of Finance – 1 unit ▪ Advanced Math Decision Making– 1 unit ▪ CCGPS Pre-Calculus – 1 unit ▪ Calculus – 1 unit ▪ College Math – 1 unit ▪ AP Statistics – 1 unit ▪ AP Calculus AB/BC – 1 unit ▪ College Calculus II and III (via GA Tech) – 1 unit
Four (4) Units of Science	▪ Biology – 1 unit ▪ Physical Science – 1 unit **Or** ▪ Physics – 1 unit ▪ Chemistry – 1 unit **Or** ▪ Environmental Science – 1 unit **Or** ▪ Earth Science – 1 unit **Or** ▪ Any AP Science course – 1 unit	**And one of the following science or CTAE* course options (not previously taken)**: ▪ Any AP Science Course – 1 unit ▪ Astronomy – 1 unit ▪ Chemistry – 1 unit ▪ Earth Science -1 unit ▪ Environmental Science – 1 unit ▪ Human Anatomy and Physiology – 1 unit ▪ Physical Science – 1 unit ▪ Physics – 1 unit ▪ AP Computer Science (CTAE*) – 1 unit ▪ Food Nutrition through the Lifespan (CTAE*) – 1 unit ▪ Food Science (CTAE*) – 1 unit ▪ Intro to Healthcare Science (CTAE*) – 1 unit ▪ Application of Therapeutic Services (CTAE*) – 1 unit ▪ Engineering Applications (CTAE*) – 1 unit **Some CTAE courses are approved by the GA DOE as a 4th science but may not be recognized by the GA Board of Regents for admission into a 4 year college. Visit www.gadoe.org for a complete and current list of approved CTAE courses.*
Three (3) Units of Social Studies	▪ World History – 1 unit ▪ American History – 1 unit	▪ Economics - .5 unit ▪ American Government - .5 unit
One (1) Unit of Health and Physical Education	▪ General Health – .5 unit	▪ Personal Fitness* – .5 unit **Information on options for waiving the Personal Fitness state requirement is available on the CHS website.*
Three (3) units required from CTAE and/or World Language and/or Fine Arts	▪ **World Language*** **Students planning to enter into a University System of Georgia institution or other post-secondary institution must take a minimum of two units of the same world language, preferably 3 units of the same language.*	▪ **CTAE** ▪ **Fine Arts**
Four (4) additional elective units: Electives may be academic or non-academic courses		

Sample Freshman Schedules

Fall Semester	Spring Semester
Language Arts	Language Arts
Math	Math
Biology	Biology
Personal Fitness*	General Health*
Elective	Elective
Elective	Elective

OR

Fall Semester	Spring Semester
Language Arts	Language Arts
Math	Math
Biology	Biology
General Health*	Personal Fitness*
World Language	World Language
Elective	Elective

**Course may be offered either semester*

Sample Sophomore Schedules

Fall Semester	Spring Semester
Language Arts	Language Arts
Math	Math
Physical Science	Physical Science
World History	World History
World Language	World Language
Personal Fitness	Elective

OR

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

Sample Junior Schedules

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

OR

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

Sample Senior Schedules

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

OR

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

Choose your elective classes carefully so that you will not be disappointed with your final schedule. While every attempt is made to accommodate your first choices, due to scheduling needs, this may not be possible. Thus, all of your choices are important.

Recommended Electives:

Art	Healthcare Science	Food Science
Band	Journalism	Audio-Video & Technology Film
Business	Orchestra	Business internship
Chorus	Current Issues	TAG internship or TAG Directed Study
Computer Science	Physical Education (PE)	Peer Leadership/Facilitation
Drama	Piano	additional Math course
Engineering	Speech/Debate	additional Science course
Guitar	AP or college courses	additional Social Studies course
JROTC	Law/Public Safety	additional World Language course

****Please check with College Admissions to see which electives they require.***

Centennial High School Pathway Offerings 2015-2016

Advanced Academic Pathways	
Advanced Language Arts	Foreign Lang 1 (or higher) + Foreign Lang 2 (or higher) + any AP Lang Arts Class or Dual Enrollment class
Advanced Math	Foreign Lang 1 (or higher) + Foreign Lang 2 (or higher) + any AP Math Class or Dual Enrollment class
Advanced Science	Foreign Lang 1 (or higher) + Foreign Lang 2 (or higher) + any AP Science Class
Advanced Social Studies	Foreign Lang 1 (or higher) + Foreign Lang 2 (or higher) + any AP Social Studies Class
Foreign Language	Foreign Lang 1 (or higher) + Foreign Lang 2 (or higher) + Foreign Lang 3 (or higher)

CTAE Pathways		
Audio-Video Technology and Film	**Business Accounting**	**Engineering and Technology**
Audio-Video Technology & Film I	Introduction to Business & Technology	Foundations of Engineering & Technology
Audio-Video Technology & Film II	Financial Literacy	Engineering Concepts
Audio-Video Technology & Film III	Principals of Accounting I	Engineering Applications
Law Enforcement Services/Forensic Science	**JROTC/Army**	**Food and Nutrition**
Introduction to Law, Public Safety, Corrections and Security	JROTC 1	Food, Nutrition, and Wellness
Criminal Justice Essentials	JROTC 2	Food for Life
Forensic Science & Criminal Investigations	JROTC 3	Food Science
Computer Science	**Programming**	**Web and Digital Design**
Introduction to Digital Technology	Introduction to Digital Technology	Introduction to Digital Technology
Computer Science Principles	Computer Science Principles	Digital Design
AP Comp Science	Programming, Games, Apps & Society	Web Design

Emergency Medical Responder	Allied Health and Medicine
Introduction to Healthcare Science	Introduction to HealthCare Science
Essentials of Healthcare	Essentials of Healthcare
Emergency Medical Responder	Allied Health and Medicine

Arts & Humanities Pathways		
Journalism (Newspaper, Lit Mag, Yearbook)	**Visual Arts**	
Journalism 1 or Photo 1	Introduction to Art	Art History 1
Journalism 2 or Photo 2	Any Art level 1 or higher	Art History 2
Journalism or Photo (any level)	Any Art level 2 or higher	AP Art History
Performing Arts		
Band/Chorus/Orchestra/Guitar 1/Piano 1	Acting/Advanced Drama/Tech Theatre 1	
Band/Chorus/Orchestra/Guitar 2/Piano 2	Acting/Advanced Drama/Tech Theatre 2	
Band/Chorus/Orchestra/Guitar 3/Piano 3	Acting/Advanced Drama/Tech Theatre (any level)	

Fulton County Schools High School Placement Guidelines

High School Math Placement Guidelines for 2015-2016 School Year				
Current Grade Level	**Student's Current Course**	**Students Current Performance**	**Next Year Placement**	**Course Number**
8th grade	Math 8 On-Level	Semester 1 average < 70% **OR** Summative Unit Assessment Average <70%	CCGPS Coordinate Algebra w/Support	27.0981000
		Semester 1 average ≥ 70% **OR** Summative Unit Assessment Average >70%	CCGPS Coordinate Algebra	27.0971000
		Semester 1 average ≥ 80% **OR** Unit Assessment Average ≥ 80%	CCGPS Accelerated Coordinate Algebra Honors	27.0975040
	Math 8 Advanced	Semester 1 Average ≤ 80% **OR** Summative Assessment Average ≤ 70%	CCGPS Coordinate Algebra	27.0971000
		Semester 1 Average is ≥ 80% **OR** Summative Assessment Average is ≥ 80%	CCGPS Accelerated Coordinate Algebra Honors	27.0975040
	CCGPS Coordinate Algebra Honors	Semester 1 Average is ≤ 70%	CCGPS Coordinate Algebra	27.0971000
		Semester 1 Average is ≥ 70%	CCGPS Analytic Geometry Honors	27.0972040
		Semester 1 Average is ≥ 80% **OR** Summative Unit Assessment Average is ≥ 80%	CCGPS Analytic Geometry Honors **Or** CCGPS Analytic Geometry Semester 1 in summer **with** CCGPS Accelerated Geometry Honors next year	27.0972040 **Or** 27.3972001 **with** 27.0976000
	CCGPS Accelerated Coordinate Algebra Honors	Semester 1 Average is < 80% **OR** Summative Unit Assessment Average is < 70%	CCGPS Analytic Geometry Honors	27.0972040
		Semester 1 Average is ≥ 80% **OR** Summative Unit Assessment Average is ≥ 70%	CCGPS Accelerated Analytic Geometry Honors	27.0976040
9th grade	CCGPS Coordinate Algebra	Semester 1 Average <70% **OR** Summative Assessment Average <70%	CCGPS Analytic Geometry w/ Support	27.0982000
		Semester 1 Average ≥ 70% **OR** Summative Unit Assessment Average >70%	CCGPS Analytic Geometry	27.0972000
		Semester 1 Average ≥ 80% OR Summative Assessment Average ≥ 80%	CCGPS Analytic Geometry **Or** CCGPS Analytic Geometry Semester 1 in summer **with** Accelerated Analytic Geometry Honors next year	27.0972000 **Or** 27.0972002 **with** 27.0976040
	CCGPS Accelerated Coordinate Algebra	Semester 1 Average < 80% **OR** Summative Assessment Average < 70%	CCGPS Analytic Geometry	27.0972000
		Semester 1 Average ≥ 80% **OR** Summative Assessment Average ≥ 70%	CCGPS Accelerated Analytic Geometry Honors	27.0976040
	CCGPS Analytic Geometry Honors	Semester 1 Average > 70%	CCGPS Advanced Algebra Honors	27.0973040
	CCGPS Accelerated Analytic Geometry Honors	Semester 1 Average < 80% **OR** Summative Assessment Average is < 70%	GPS Pre-Calculus Honors	27.0624040
		Semester 1 Average-≥ 80% **OR** Summative Assessment Average is ≥ 70%	GPS Accelerated Pre-Calculus Honors	27.0960040

10th grade	CCGPS Analytic Geometry	Semester 1 Average <70% **OR** Summative Assessment Average < 70%	CCGPS Advanced Algebra w/ Support	27.0983000
		Semester 1 Average ≥ 70%	CCGPS Advanced Algebra	27.0973000
	CCGPS Accelerated Analytic Geometry Honors	Semester 1 Average < 80% **OR** Summative Assessment Average is < 70%	GPS Pre-Calculus Honors	27.0624040
		Semester 1 Average ≥ 80% **OR** Summative Assessment Average is ≥ 70%	GPS Accelerated Pre-Calculus Honors	27.0960040
		Semester 1 Average ≥ 80% **OR** Summative Assessment Average is ≥ 80%	GPS Accelerated Pre-Calculus Honors Or GPS Accelerated Pre-Calculus Spring Online Course **with** AP Calculus AB next year	27.0960040 **Or** 27.0960042 **with** 27.0720010
	GPS Advanced Algebra Honors	Semester 1 Average ≥ 70%	GPS Pre-Calculus Honors	27.0624040
		Semester 1 Average ≥ 80% **OR** Summative Assessment Average is ≥ 80%	GPS Pre-Calculus Honors **Or** GPS Accelerated Pre-Calculus Spring Online Course **with** AP Calculus AB next year	27.0624040 **Or** 27.360042 **with** 27.0720010
	GPS Accelerated Pre-Calculus Honors	Semester 1 Average is <80% **OR** Summative Assessment Average is <70%	Advanced Mathematical Decision Making or Mathematics of Industry and Government or AP Statistics or AP Calculus AB	27.0850000 27.0860000 27.0740010 27.0720010
		Semester 1 Average is ≥ 80% OR Summative Assessment Average is ≥ 70%	Advanced Mathematical Decision Making or AP Statistics or AP Calculus AB	27.0850000 27.0740010 27.0720010
		Semester 1 Average is ≥ 80% OR Summative Assessment Average is ≥ 80%	AP Statistics or AP Calculus AB or AP Calculus BC	27.0740010 27.0720010 27.0730010
		Identification through AP Potential	AP Statistics or AP Calculus AB or AP Calculus BC	27.0740010 27.0720010 27.0730010
11th grade	GPS Advanced Algebra	Semester 1 Average < 80% **OR** Summative Assessment Average is <70%	Mathematics of Finance online **or** Advanced Mathematical Decision Making **or** Mathematics of Industry and Government **or** GPS Pre-Calculus	27.3870000 27.0850000 27.0860000 27.0624000
		Semester Average is ≥ 80% **OR** Summative Assessment Average is ≥ 70%	Advanced Mathematical Decision Making **or** Mathematics of Industry and Government **or** GPS Pre-Calculus **or** AP Statistics	27.0850000 27.0860000 27.0624000 27.0740010
		Semester Average is ≥ 90% **OR** Summative Assessment Average is ≥ 90%	GPS Pre-Calculus **Or** GPS Accelerated Pre-Calculus Spring Online Course **with** AP Calculus AB next year	27.0624000 **Or** 27.360042 **With** 27.0720010
	GPS Accelerated Pre-Calculus Honors	Semester 1 Average is <80% **OR** Summative Assessment Average is <70%	Advanced Mathematical Decision Making or Mathematics of Industry and Government or AP Statistics or AP Calculus AB	27.0850000 27.0860000 27.0740010 27.0720010
		Semester 1 Average is ≥ 80% **OR** Summative Assessment Average is ≥ 70%	AP Statistics or AP Calculus AB	27.0740010 27.0720010
		Semester 1 Average is ≥ 80% OR Summative Assessment Average is ≥ 80%	AP Statistics or AP Calculus AB or AP Calculus BC	27.0740010 27.0720010 27.0730010
		Identification through AP Potential	AP Statistics or AP Calculus AB or AP Calculus BC	27.0740010 27.0720010 27.0730010

	GPS Pre-Calculus Honors	Semester 1 Average is ≥ 70%	Advanced Mathematical Decision Making or Mathematics of Industry and Government or AP Statistics or AP Calculus AB	27.0850000 27.0860000 27.0740010 27.0720010
		Semester 1 Average is ≥ 80% **OR** Summative Assessment Average is ≥ 80%	AP Statistics or AP Calculus AB	27.0740010 27.0720010
		Identification through AP Potential	AP Statistics or AP Calculus AB	27.0740010 27.0720010
	AP Statistics	Semester 1 Average is ≥ 70%	Advanced Mathematical Decision Making or Mathematics of Industry and Government or GPS Pre-Calculus (for 1st time) or AP Calculus AB	27.0850000 27.0860000 27.0624000 27.0720010
	AP Calculus AB	Anticipated completion of course	AP Statistics AP Calculus BC	27.0740010 27.0730010
	AP Calculus BC	See MOWR guidelines	Multivariable Calculus/GA Tech Calculus	27.0770000

High School ELA Placement Guidelines for 2015-2016 School Year				
Current Grade Level	**Student's Current Course**	**Student's Current Performance**	**Next Year Placement**	**Course Number**
8th Grade	Language Arts 8 On-Level	Semester 1 Average is < 80% OR Summative Unit Assessment Average < 80%	9th Grade Literature/Comp	23.0610000
		Semester 1 Average is ≥ 80% OR Summative Unit Assessment Average ≥ 80%	9th Grade Literature Honors	23.0610040
	Language Arts 8 Advanced	Semester 1 Average is < 80% OR Unit Summative Assessment Average < 70%	9th Grade Literature/Comp	23.0610000
		Semester 1 Average ≥ 80% OR Unit Assessment Average ≥ 70%	9th Grade Literature Honors	23.0610040
	TAG Language Arts 8	Semester 1 Average is < 80% OR Unit Summative Assessment Average < 70%	9th Grade Literature/Comp	23.0610000
		Semester 1 Average ≥ 80% OR Unit Assessment Average ≥ 70%	9th Grade Literature Honors	TAG Service 23.2610040
9th Grade	9th Grade Literature/Comp On-Level	Semester 1 Average ≤ 80%	10th Grade Literature/Comp On-Level	23.0620000
		Semester 1 average ≥ 80% OR Unit Assessment Average ≥ 80%	10th Grade Literature/Comp Honors	23.0620040
	9th Grade Literature/Comp Honors	Semester 1 Average is < 80% OR Unit Summative Assessment Average < 70%	10th Grade Literature/Comp On-Level	23.0620000
		Semester 1 Average ≥ 80% OR Unit Assessment Average ≥ 70%	10th Grade Literature/Comp Honors	23.0620040
10th Grade	10th Grade Literature/Comp On-Level	Semester 1 Average ≤80%	11th Grade Am Literature/Comp On-Level	23.0510000
		Semester 1 average ≥ 80% OR Unit Assessment Average ≥ 80%	11th Grade Am Literature/Comp Honors	23.0510040
	10th Grade Literature/Comp Honors	Semester 1 Average is < 80% OR Unit Summative Assessment Average < 70%	11th Grade Am Literature/Comp On-Level	23.0510000
		Semester 1 Average ≥ 80% OR Unit Assessment Average ≥ 70%	11th Grade Am Literature/Comp Honors Or AP Eng. Language and Composition	23.0510040 Or 23.0430010

11th Grade	11th Grade Am Literature/Com On-Level	Semester 1 Average ≤80%	World Literature & Composition (one semester) & Multicultural Literature & Composition (one semester); **OR** World Literature & Composition (one semester) & English Literature & Composition (one semester); **OR** College English (two semesters)	World Lit 23.0630001 Multi Lit 23.0670001 Eng Lit/Comp 23.0520001
		Semester 1 average ≥ 80% **OR** Unit Assessment Average ≥ 80%	World Literature & Composition (one semester) & Multicultural Literature & Composition (one semester); **OR** World Literature & Composition (one semester) & English Literature & Composition (one semester); **OR** AP Literature and Composition (year-long); **OR** College English (two semesters)	World Lit 23.0630001 Multi Lit 23.0670001 Eng Lit/Comp 23.0520001 AP Lit/Comp 23.0650010
	11th Grade Am Literature/Com p Honors	Semester 1 Average is < 80% **OR** Unit Summative Assessment Average < 70%	World Literature & Composition (one semester) & Multicultural Literature & Composition (one semester); **OR** World Literature & Composition (one semester) & English Literature & Composition (one semester); **OR** College English (two semesters)	World Lit 23.0630001 Multi Lit 23.0670001 Eng Lit/Comp 23.0520001
		Semester 1 Average ≥ 80% **OR** Unit Assessment Average ≥ 70%	AP Literature and Composition (year-long); **OR** College English (two semesters)	AP Lit/Comp 23.0650010
	AP Language	Semester 1 Average is ≥ 70%	World Literature & Composition (one semester) & Multicultural Literature & Composition (one semester); **OR** World Literature & Composition (one semester) & English Literature & Composition (one semester); **OR** AP Literature and Composition (year-long); **OR** College English (two semesters)	World Lit 23.0630001 Multi Lit 23.0670001 Eng Lit/Comp 23.0520001 AP Lit/Comp 23.0650010

High School Science Placement Guidelines for 2015-2016 School Year				
Current Grade Level	**Student's Current Course**	**Student's Current Performance**	**Next Year Placement**	**Course Number**
8th Grade	Physical Science On-Level	Anticipated promotion to Grade 9	Biology	26.0120000
	Science of the Physical World Advanced	Anticipated completion of Life and Physical Science with ≥ 80% **OR** Summative Unit Assessment Average ≥ 70%	Biology Honors	26.0120040 TAG Service 26.2120040
	Science of the Physical World TAG	Anticipated completion of Life and Physical Science with ≥ 80% **OR** Summative Unit Assessment Average ≥ 70%	Biology Honors	26.0120040 TAG Service 26.2120040
	High School Physical Science	Anticipated completion of Physical Science with ≥ 70% final grade	Biology Honors	26.0120040 TAG Service 26.2120040
	High School Honors Physical Science	Anticipated completion of Physical Science with ≥ 80% final grade (the 80% includes the seven honors points)	Biology Honors	26.0120040 TAG Service 26.2120040
9th Grade	Biology	Anticipated completion of Biology	Physical Science	40.0110000
		Anticipated completion of Biology, **AND** CCGPS Analytic Geometry average 80% or higher. Student is on track mathematically to take physics.	Chemistry	40.0510000
	Honors Biology	Anticipated completion of Biology with an 80% or higher average **AND** CCGPS Analytic Geometry average 90% or higher. Student is on track mathematically to take physics.	Honors Chemistry	40.0510040

		Anticipated completion of Biology with an 80% or higher average **AND** CCGPS Analytic Geometry 80-90%. Student is on-track mathematically to take physics.	Chemistry	40.0510000
10th Grade	Physical Science	Anticipated completion of Physical Science	Earth Systems **OR** Environmental Science **OR** Chemistry	40.0640000 Or 26.0611000 Or 40.0510000
	Chemistry	Anticipated completion of Chemistry and enrollment in Pre-Calculus	Physics	40.0810000
		Anticipated completion of Chemistry and enrollment in CCGPS Advanced Algebra	Earth Systems **OR** Environmental Science	40.0640000 Or 26.0611000
	Honors Chemistry	Anticipated completion of Chemistry Honors and enrollment in Pre-Calculus	Physics **Or** AP Science (AP Physics C requires enrollment in Calculus)	40.0810000 Or *AP Sci Course
11th Grade	Physics	Anticipated Completion of Physics	AP Science (AP Physics C requires enrollment in Calculus)	*Depends on selection
		Anticipated completion of Physics	Environmental Science, or Earth Systems, or Astronomy, or Human Anatomy and Physiology	Env. Sci 26.0611000 Earth Sys 40.0640000 Astronomy 40.0210000 Hum A/P 26.0730000
	Environmental Science, Earth Systems, Chemistry	Anticipated completion of course and enrollment in Pre-Calculus	Physics	40.0810000
		Anticipated completion of course	AP Science (AP Physics C requires enrollment in Calculus) **OR** Any of these not already taken - Environmental Science, Earth Systems, Astronomy, Human Anatomy and Physiology	*Depends on AP selection Or Env. Sci 26.0611000 Earth Sys 40.0640000 Astronomy 40.0210000 Hum A/P 26.0730000

High School Social Studies Placement Guidelines for 2015-2016 School Year				
Current Grade Level	**Student's Current Course**	**Student's Current Performance**	**Next Year Placement**	**Course Number**
8th Grade	Social Studies 8	Anticipated promotion to Grade 9	American Government/Civics	45.0570005
		Semester 1 average ≥ 90% **OR** Unit Assessment Average ≥ 90%	Equivalent 9th grade AP course, e.g. AP Government/Civics **OR** AP Human Geography	AP Gov 45.0520010 AP HuG 45.0770010
	TAG Social Studies	Anticipated promotion to Grade 9	American Government/Civics	45.0570005
		Semester 1 average ≥ 90% **OR** Unit Assessment Average ≥ 90%	Equivalent 9th grade AP course, e.g. AP Government/Civics **OR** AP Human Geography	AP Gov 45.2520010 AP HuG 45.2770010
9th Grade	American Government	Semester 1 Average ≤80%	World History	45.0830000
		Semester 1 average ≥ 80% **OR** Unit Assessment Average ≥ 80%	AP World History	45.0811010

	AP American Government	Semester 1 average ≥ 80% **OR** Unit Assessment Average ≥ 70%	AP World History	45.0811010
10th Grade	World History	Semester 1 Average ≤ 80%	US History	45.0810000
		Semester 1 average ≥ 80% **OR** Unit Assessment Average ≥ 80%	AP US History	45.0820010
	AP World History	Semester 1 Average ≥ 80% Semester 1 average ≥ 80% **OR** Unit Assessment Average ≥ 70%	AP US History	45.0820010
11th Grade	US History	Semester 1 Average ≤ 80%	Economics	45.0610001
		Semester 1 average ≥ 80% **OR** Unit Assessment Average ≥ 80%	AP Macro Economics	45.0620011
			AP Micro Economics	45.0630011
	AP US History	Semester 1 average ≥ 80% **OR** Unit Assessment Average ≥ 70%	AP Macro Economics	45.0620011
			AP Micro Economics	45.0630011

High School World Language Placement Guidelines for 2015-2016 School Year				
Current Grade Level	**Student's Current Course**	**Student's Current Performance**	**Next Year Placement**	**Course Number**
8th Grade	Grade 8 Beginning or Continuous WL Course	Average < 70% for either of the two semesters	Level 1 WL Course	CH 62.0110001 FR 60.0110001 GR 61.0110001 JP 62.0310001 LT 61.0410001 and 61.0410002 SP 60.0710001 and 60.0710002
		Semester averages 70% - 80% **OR** ≥ 80% on Performance Based Assessments	Level 2 WL Course	CH 62.0120001 And 62.0120002 FR 60.0120001 and 60.0120002 GR 61.0120001 and 61.0110002 JP 62.0320001 and 62.0310002 LT 61.0420001 and 61.0420002 SP 60.0720001 and

				60.0720002
		Semester averages ≥ 80% **OR** ≥80% on Performance-based Assessments	Level 2 Honors WL Course	CH 62.0120041 and 62.0120042 FR 60.0120041 and 60.0120042 GR 61.0120041 and 61.0120042 JP 62.0320001 and 62.0310002 LT 61.0420041 and 61.0420042 SP 60.0720041 and 60.0720042
9th - 11th Grades	Any On-Level WL	Semester average 70% - 80%; **OR** ≥80% on Performance based assessments	Next on-level WL Course	
	Any Honors Level WL	Semester average ≥ 80%; **OR** ≥ 80% on Performance based assessments	Next Honors level WL Course	

CENTENNIAL HIGH SCHOOL COURSE OFFERINGS
For the Academic School Year 2015 – 2016

When using this catalog, please remember the following:

- Course number indicates the computer number of the course.
- Term indicates the length of the course.
- Prerequisite indicates certain courses that must be completed prior to the start of the course, that the course is restricted to certain grade levels, and/or that the student must make application to register for the course. **See FCS High School Placement guidelines for additional grade requirements.**
- AP/Honors waivers will be required to override teacher recommendations in instances when a student has not met the FCS High School Placement guidelines requirements.
- 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. **Signing the "AP Commitment Statement" is required for all AP classes.**
- **Work-Based Learning (WBL)** is for juniors and seniors. Please see Mr. Robinson in I-18 for more information.
- College classes require dual enrollment. The **Dual Enrollment Program** is for students classified as high school juniors and seniors at accredited public or private high schools in the state of Georgia, and is operated in all school terms except summer. The program allows students to pursue postsecondary study at approved public and private colleges and technical colleges while receiving dual high school and college credit for courses successfully completed. Courses pursued by students under this program must come from the approved course directory which is supplied to high school counselors in the state. Courses are available only in the areas of the core graduation requirements for college preparatory students: English; Mathematics; Social Studies; Science; World Language.
- When scheduling elective courses, we make every effort to accommodate all student requests. However, in order to maximize staffing allocations, there must be adequate demand for a course to be taught during a given school year. In instances where course demand is inadequate, we attempt to honor the alternate course request.

COURSE DESCRIPTIONS

LANGUAGE ARTS COURSES

Course Name: 9th Grade Literature and Composition
Course Number: 23.0610000 **Term:** Year
Description: Ninth Grade Literature and Composition is a study of literary genres. Students will continue to develop vocabulary and to apply effective reading strategies to a wide variety of literary and informational texts; to learn characteristics of basic literary genres including the novel, short story, poetry, drama, and nonfiction; to establish effective writing and research habits; and to refine language skills as they apply to writing, listening, speaking, and viewing.

Course Name: 9th Literature and Composition Honors
Course Number: 23.0610040 **Term:** Year
Prerequisites: Teacher recommendation. The honors level course has higher expectations and more rigorous coursework than the college preparatory level including mandatory summer reading. Honors classes will move at a faster pace, require more independent study, and cover topics in greater depth. Characteristics of an honors student include: adequate ability level, a strong sense of responsibility, heightened motivation, and desire to excel. The honors student should also continually apply himself or herself in order to maintain his or her position in the honors program.
Description: Ninth Grade Literature and Composition is a study of literary genres. Students will continue to

develop vocabulary and apply effective reading strategies to a wide variety of literary and informational texts; to learn characteristics of basic literary genres including the novel, short story, poetry, drama, and nonfiction; to establish effective writing and research habits; and to refine language skills as they apply to writing, listening, speaking, and viewing.

Course Name: 10th Grade Literature and Composition
Course Number: 23.0620000 **Term:** Year
Description: Tenth Grade Literature and Composition is a thematic study of literature. Students will continue to develop vocabulary and apply effective reading strategies to a wide variety of literature and informational texts to learn about universal themes and symbols common to literary works including the novel, short story, poetry, drama, ad nonfiction; to establish effective writing and research habits; and to refine language skills as they apply to writing, listening, speaking, and viewing. This course prepares students for college.

Course Name: 10th Grade English Literature and Composition Honors
Course Number: 23.0620040 **Term:** Year
Prerequisites: Teacher recommendation. The honors level course has higher expectations and more rigorous coursework than the college preparatory level including mandatory summer reading. Honors classes will move at a faster pace, require more independent study, and cover topics in greater depth. Characteristics of an honors student include: adequate ability level, a strong sense of responsibility, heightened motivation, and desire to excel. The honors student should also continually apply himself or herself in order to maintain his or her position in the honors program.
Description: Tenth Grade Literature and Composition is a thematic study of literature. Students will continue to develop vocabulary and apply effective reading strategies to a wide variety of literary and informational texts; to learn about universal themes and symbols common to literary works including the novel, short story, poetry, drama, and nonfiction; to establish effective writing and research habits; and to refine language skills as they apply to writing, listening, speaking, and viewing.

Course Name: Gifted 10th Grade English Literature and Composition Honors
Course Number: 23.2620040 **Term:** Year
Prerequisite: Enrollment in TAG program
Description: Same description as 10th Grade Literature and Composition Honors.

Course Name: American Literature and Composition
Course Number: 23.0510000 **Term:** Year
Description: American Literature and Composition is a study of the major literary topics and themes across the history of the United States from pre-colonial times to present day. Students will focus on the major literary forms of the emerging nation, analyze the literary themes and trends, and research and compose several papers, speeches, and presentations using representative forms of discourse.

Course Name: American Literature and Composition Honors
Course Number: 23.0510040 **Term:** Year
Prerequisites: Teacher recommendation. The honors level course has higher expectations and more rigorous coursework than the college preparatory level including mandatory summer reading. Honors classes will move at a faster pace, require more independent study, and cover topics in greater depth. Characteristics of an honors student include: adequate ability level, a strong sense of responsibility, heightened motivation, and desire to excel. The honors student should also continually apply himself or herself in order to maintain his or her position in the honors program.
Description: American Literature and Composition is a study of the major literary topics and themes across the history of the United States from pre-colonial times to present day. Students will focus on the major literary forms of the emerging nation, analyze the literary themes and trends, and research and compose several papers, speeches, and presentations using representative forms of discourse.

Course Name: AP English Language and Composition (11th grade)
Course Number: 23.0430012 **Term:** Year
Prerequisites: ***(Application required)***
Description: The AP English Language and Composition course aligns to an introductory college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their arguments. Throughout the course, students develop a personal style by making appropriate grammatical choices. Additionally, students read and analyze the rhetorical elements and their effects in non-fiction texts, including graphic images as forms of text, from many disciplines and historical periods. Please note that there is required summer reading for this course.

Course Name: AP English Literature and Composition (12th grade)
Course Number: 23.0530010 **Term:** Year
Prerequisites: ***(Application required)***
Description: The AP English Literature and Composition course aligns to an introductory college-level literary analysis course. The course engages students in the close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, symbolism, and tone. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works. Please note that there is required summer reading for this course.

Course Name: World Literature and Composition
Course Number: 23.0630001 **Term:** Semester
Description: World Literature and Composition is a **mandatory selective** course. It is a study of the major literary topics and themes of the world. Students will continue to develop vocabulary and apply effective reading strategies to a wide variety of literary and informational texts; to learn about universal themes and symbols common to literary works including the novel, short story, poetry, drama, and nonfiction; to establish effective writing and research habits; and to refine language skills as they apply to writing, listening speaking, and viewing.

Course Name: Multicultural Literature
Course Number: 23.0670001 **Term:** Semester
Description: Multicultural Literature is a **mandatory selective** course. Co-requisite with World Literature and Composition. Students must complete this course to meet graduation requirements. 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. Students will 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: College English
Course Number: 23.0630400 **Term:** Year
Prerequisites: Students must apply and be admitted to Georgia Perimeter College to take this course. ***This course earns college credit through Georgia Perimeter College. See Mr. Absher in the Counseling Department for more information.***
Description: This course focuses on skills required for effective writing in a variety of contexts, with emphasis on exposition, analysis, and argumentation, and also including introductory use of a variety of research skills.

Course Name: Writer's Workshop - Elective
Course Number: 23.0310001 **Term:** Semester
Description: This 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: SAT Prep - Elective
Course Number: 35.0660001 **Term:** Semester
Prerequisites: 11th or 12th graders only
Description: SAT Prep is a one semester elective. Students receive intense practice and instruction in the areas of problem solving and advanced grammar. Highly recommended for seniors for fall semester and juniors for spring semester

Course Name: Journalism 1/Newspaper - Elective
Course Number: 23.0320000 **Term:** Year
Prerequisites: This class is open to 10th-12th graders and students must complete an application. See Ms.

Wolfe-Cundiff in G65.
Description: Journalism I/Newspaper is an elective course available to students interested in all elements of journalism production. Students should have a personal interest in news and popular culture and should have a desire to publish work. Much of this class is taught in the journalism lab, which students are expected to use as a real-world work environment. Students will learn the tenants of journalism writing, journalism photography, and page layout design, often working collaboratively in peer newsroom groups. The class produces *The Accolade* throughout the year that will capture what is happening on and around the CHS campus, spotlight members of the school community, and reflect on trends that interest the student body. Above all, this is a writing course and it is expected that students will leave the course with writing and publishing skills that introduce them to the world of publishing.

Course Name: Journalism 1/Annual (Yearbook) - Elective
Course Number: 23.0320007 **Term:** Year
Prerequisites: This class is open to 10th-12th graders and students must complete an application. See Mr. Kent in G69.
Description: Journalism 1/Annual is a project based elective course culminating in the production of the school's annual yearbook. The course teaches students the basics in graphic design, journalism, and business management. Students use skill sets they learn in their core classes in real world applications to produce a 500+ page publication.

Course Name: Journalism 1/Literary Magazine - Elective
Course Number: 23.0320008 **Term:** Year
Prerequisites: This class is open to 10th-12th graders and students must complete an application. See Ms. Smith in G59.
Description: This elective course provides students with an opportunity to experiment with various forms of creative verbal and visual expression. Students gather and critique entries from the Centennial student body for publication of the literary magazine, *Avalon*. Some word processing or computer programming skills are required as well as an interest in the creative writing process.

Course Name: Speech I/ Debate - Elective
Course Numbers: 23.0460000 **Term:** Year
Description: This elective course will center on various argumentation skills. The major focuses of the course will be the development of effective rhetoric, use of current events, and research skills.

Course Name: Speech II/Debate - Elective
Course Numbers: 23.0470000 **Term:** Year
Prerequisite: Speech I/Debate
Description: This elective course concentrates on preparation for competitive debate tournaments. Students will focus on research, argumentation, and in class debates. Students are required to have previous experience in competitive debate.

ESOL COURSES

Course Name: 9th Grade Lit/Comp Sheltered (ESOL) – Core LA Credit
Course Number: 23.0610020 **Term:** Year
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 9th grade English Language Arts CCGPS and instruction is differentiated with WIDA standards. ***(Push-In classes are available based on demand and teacher availability.)***

Course Name: 10th Grade Lit/Comp Sheltered (ESOL) – Core LA Credit
Course Number: 23.0620020 **Term:** Year
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 CCGPS 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. ***(Push-In classes are available based on demand and teacher availability.)***

Course Name: 11th Grade American Lit/Comp Sheltered (ESOL) – Core LA Credit
Course Number: 23.0510020 **Term:** Year
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 CCGPS. ***(Push-In classes are available based on demand and teacher availability.)***

Course Name: World Lit/Comp Sheltered (ESOL) – *Mandatory selective*
Course Number: 23.0630021 **Term:** Semester
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 CCGPS. ***(Push-In classes are available based on demand and teacher availability.)***

Course Name: Multicultural Lit/Comp Sheltered (ESOL) – *Mandatory selective*
Course Number: 23.0670021 **Term:** Semester
Description: Co-requisite with World Literature and Composition. 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 CCGPS. ***(Push-In classes are available based on demand and teacher availability.)***

Course Name: Communication Skills I – Elective
Course Number: 55.0210000 **Term:** Year
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 **Term:** Year
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 **Term:** Year
Description: This course supports and enhances oral/aural skills and references with five basic WIDA standards with emphasis on speaking skills in the content areas. Students will develop critical thinking skills by analyzing talks, speeches, and written communication.

Course Name: Reading and Listening in the Content Areas – Elective
Course Number: 55.0230000 **Term:** Year
Description: This course will provide activities and opportunities to enhance literacy and listening skills necessary for success in the content areas. Guided by the five WIDA standards, the focus will be on the acquisition of fundamental skills: primarily reading and writing reinforced by speaking and listening while developing vocabulary associated with designated themes.

Course Name: Writing in the Content Area
Course Number: 55.0250000 **Term:** Year
Description: The class will focus on refining writing skills following the WIDA standards. The focus will be on expository and persuasive writing, and may include note-taking, steps in the writing process, improving writing in focus and unity, and organization, idea development, mastering writing conventions, research and writing, and writing in specific content areas.

Course Name: Study Skills 1 (Sheltered)
Course Number: 35.0610020 **Term:** Year
Description: The Study Skills class provides focused instruction on time management, organization, and test-taking skills through research-based strategies. Students will develop an understanding of how to improve study habits based on

their own learning modalities. During the second half of every class period, students will be able to complete assignments from other classes with teacher support. Study Skills is recommended for students enrolled in mostly Push-In/Team-Taught or General Education classes requiring additional support in the resource setting. This course can be taken at any language level, as appropriate. The course may be repeated.

MATHEMATICS

Course Name: **CCGPS Coordinate Algebra (9th grade)**
Course Number: 27.0971000 **Term:** Year
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: Accelerated CCGPS Coordinate Algebra Honors (9th grade)
Course Number: 27.0975040 **Term:** Year
Prerequisites: Teacher recommendation. The honors level course has higher expectations and more rigorous coursework than the college preparatory level. Honors classes will move at a faster pace, require more independent study, and cover topics in greater depth. Characteristics of an honors student include: adequate ability level, a strong sense of responsibility, heightened motivation, and desire to excel. The honors student should also continually apply himself or herself in order to maintain his or her position in the honors program.
Description: The fundamental purpose of Accelerated CCGPS Coordinate Algebra Honors 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: CCGPS Analytic Geometry Honors (9th grade) **Term:** Year
Course Number: 27.0972040
Prerequisites: CCGPS Coordinate Algebra (8th Grade): *The honors level course has the same coursework as the college preparatory level with students a minimum of one year ahead of track.*

Course Name: CCGPS Analytic Geometry (10th grade) **Term:** Year
Course Number: 27.0972000
Description: The focus of Analytic Geometry on the coordinate plane is organized into 6 critical areas. Transformations on the coordinate plane provide opportunities for the formal study of congruence and similarity. The study of similarity leads to an understanding of right triangle trigonometry and connects to quadratics through Pythagorean relationships. The study of circles uses similarity and congruence to develop basic theorems relating circles and lines. The need for extending the set of rational numbers arises and real and complex numbers are introduced so that all quadratic equations can be solved. Quadratic expressions, equations, and functions are developed; comparing their characteristics and behavior to those of linear and exponential relationships from Coordinate Algebra. Circles return with their quadratic algebraic representations on the coordinate plane. The link between probability and data is explored through conditional probability. The Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

Course Name: Accelerated CCGPS Analytic Geometry Honors (9th or 10th grade)
Course Number: 27.0976040 **Term:** Year

Prerequisites: Accelerated CCGPS Coordinate Algebra and teacher recommendation. The honors level course has higher expectations and more rigorous coursework than the college preparatory level. Honors classes will move at a faster pace, require more independent study, and cover topics in greater depth. Characteristics of an honors student include: adequate ability level, a strong sense of responsibility, heightened motivation, and desire to excel. The honors student should also continually apply himself or herself in order to maintain his or her position in the honors program.
Description: The focus of this course 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: CCGPS Advanced Algebra Honors (9th or 10th grade)
Course Number: 27.0973040 **Term:** Year
Prerequisites: CCGPS Analytic Geometry Honors: *The honors level course has the same coursework as the college preparatory level with students a minimum of one year ahead of track.*

Course Name: CCGPS Advanced Algebra (11th grade)
Course Number: 27.0973000 **Term:** Year
Description: Students will 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: Accelerated CCGPS Pre-Calculus Honors (10th – 11th grade)
Course Number: 27.0977040 **Term:** Year
Prerequisites: Accelerated CCGPS Analytic Geometry and teacher recommendation. The honors level course has higher expectations and more rigorous coursework than the college preparatory level. Honors classes will move at a faster pace, require more independent study, and cover topics in greater depth. Characteristics of an honors student include: adequate ability level, a strong sense of responsibility, heightened motivation, and desire to excel. The honors student should also continually apply himself or herself in order to maintain his or her position in the honors program.
Description: Pre-Calculus focuses on standards to prepare students for a more intense study of mathematics. The critical areas organized in seven units delve deeper into content from previous courses. The study of circles and parabolas is extended to include other conics such as ellipses and hyperbolas. Trigonometric functions are further developed to include inverses, general triangles and identities. Matrices provide an organizational structure in which to represent and solve complex problems. Students expand the concepts of complex numbers and the coordinate plane to represent and operate upon vectors. Probability rounds out the course using counting methods, including their use in making and evaluating decisions. The Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

Course Name: CCGPS Pre-Calculus Honors (10th - 11th grade)
Course Number: 27.0624040 **Term:** Year
Prerequisite: CCGPS Advanced Algebra Honors and teacher recommendation: *The honors level course has the same coursework as the college preparatory level with students a minimum of one year ahead of track.*

Course Name: CCGPS Pre-Calculus (12th grade)
Course Number: 27.0624000 **Term:** Year

Prerequisites: CCGPS Advanced Algebra and teacher recommendation.
Description: This is course designed to prepare students for calculus and similar college mathematics courses. It requires students to 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 (12th grade)
Course Number: 27.0710000 **Term:** Year
Prerequisites: CCGPS Pre-Calculus and teacher recommendation.
Description: This is a **fourth year mathematics course** option for students who have completed CCGPS Pre-Calculus or GPS Pre-Calculus. It includes problem solving, reasoning and estimation, functions, derivatives, applications of the derivative, integrals, and application of the integral.

Course Name: CCGPS Advanced Mathematical Decision Making (12th grade)
Course Number: 27.0850000 **Term:** Year
Prerequisites: CCGPS Advanced Algebra and teacher recommendation.
Description: This is a **fourth year mathematics course** designed to follow the completion of CCGPS Advanced Algebra or Accelerated CCGPS Geometry Honors. The course will give students further experiences with statistical information and summaries, methods of designing and conducting statistical studies, an opportunity to analyze various voting processes, modeling of data, basic financial decisions, and use network models for making informed decisions. Refer to the admissions office to determine if this course meets the requirements for admission to GA four-year colleges in Georgia.

Course Name: AP Statistics
Course Number: 27.0740010 **Term:** Year
Prerequisites: ***(Application required)*** CCGPS Advanced Algebra and teacher recommendation.
Description: The AP Statistics course is equivalent to a one-semester, introductory, non-calculus-based college course in statistics. The course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four themes in the AP Statistics course: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding.

Course Name: AP Calculus AB
Course Number: 27.0720010 **Term:** Year
Prerequisites: ***(Application required)*** Accelerated CCGPS Pre-Calculus Honors or CCGPS Pre-Calculus Honors and teacher recommendation. Before studying calculus, all students should study math courses designed for college-bound students: courses in which they study algebra, geometry, trigonometry, analytic geometry, and elementary functions. These functions include linear, polynomial, rational, exponential, logarithmic, trigonometric, inverse trigonometric, and piecewise-defined functions. In particular, before studying calculus, students must be familiar with the properties of functions, the algebra of functions, and the graphs of functions. Students must also understand the language of functions (domain and range, odd and even, periodic, symmetry, zeros, intercepts, and so on) and know the values of the trigonometric functions at the numbers 0, $\pi/6$, $\pi/4$, $\pi/3$, $\pi/2$, and their multiples.
Description: AP Calculus AB is roughly equivalent to a first semester college calculus course devoted to topics in differential and integral calculus. The AP course covers topics in these areas, including concepts and skills of limits, derivatives, definite integrals, and the Fundamental Theorem of Calculus. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions.

Course Name: AP Calculus BC
Course Number: 27.0730010 **Term: Year**
Prerequisites: ***(Application required)*** Accelerated CCGPS Pre-Calculus Honors, CCGPS Pre-Calculus Honors, or AP Calculus AB and teacher recommendation. Before studying calculus, all students should study math courses designed for college-bound students: courses in which they study algebra, geometry, trigonometry, analytic geometry, and elementary functions. These functions include linear, polynomial, rational, exponential, logarithmic, trigonometric, inverse trigonometric, and piecewise-defined functions. In particular, before studying calculus, students must be familiar with the properties of functions, the algebra of functions, and the graphs of functions. Students must also understand the language of functions (domain and range, odd and even, periodic, symmetry, zeros, intercepts, and so on) and know the values of the

trigonometric functions at the numbers 0, π/6, π/4, π/3, π/2, and their multiples.
Description: AP Calculus BC is roughly equivalent to both first and second semester college calculus courses and extends the content learned in AB to different types of equations and introduces the topic of sequences and series. The AP course covers topics in differential and integral calculus, including concepts and skills of limits, derivatives, definite integrals, the Fundamental Theorem of Calculus, and series. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions.

Course Name: College Calculus **Term:** Year
Calculus 2 27.0770400 – First Semester (Georgia Tech Calculus II Math 1502)
Calculus 3 27.0750406 – Second Semester (Georgia Tech Calculus III Math 2401)
Prerequisites: Students must apply and be admitted to Georgia Tech to take these courses. Students must have taken AP Calculus and passed the AP Calculus exam as follows: AP Calculus AB with a score of 5 on the AP exam or AP Calculus BC with a score of 3 or higher on the AP exam. **These courses earn college credit through Georgia Tech.** ***See Mr. Absher in the Counseling Department for more information.***
Description: The Calculus II course concludes the treatment of single variable calculus, and begins linear algebra—the linear basis of the multivariable theory. The Calculus III 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: College Math **Term:** Year
College Algebra 27.0640400 – First Semester (Gwinnett Tech Math 1111)
College Pre-Calculus 27.0624400 – Second Semester (Gwinnett Tech Math 1113)
Prerequisite: Students must apply and be admitted to Gwinnett Tech to take these courses. Students must have passed CCGPS Advanced Algebra. **These courses earn college credit through Gwinnett Tech.** ***See Mr. Absher in the Counseling Department for more information.***
Description: *College Algebra* 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 analytic geometry.
College Pre-Calculus 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: College Math **Term:** Year
College Algebra 27.0640400 – First Semester (Gwinnett Tech Math 1111)
College Statistics 27.0510400 – Second Semester (Gwinnett Tech Math 1127)
Prerequisite: Students must apply and be admitted to Gwinnett Tech to take these courses. Students must have passed CCGPS Advanced Algebra or a higher math. **These courses earn college credit through Gwinnett Tech.** ***See Mr. Absher in the Counseling Department for more information.***
Description: *College Algebra* 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 analytic geometry. *College Statistics* emphasizes the concepts and methods fundamental to utilizing and interpreting commonly used statistics. Topics include descriptive statistics, basic probability, discrete and continuous distributions, sampling distributions, hypothesis testing chi square tests, and linear regression.

SCIENCE

Course Name: Biology
Course Number: 26.0120000 **Term**: Year
Description: The Biology curriculum is designed to continue student investigations of the life sciences and provide students the necessary skills to be proficient in biology. This curriculum includes more abstract concepts such as the interdependence of organisms, the relationship of matter, energy, and organization in living systems, the behavior of organisms, and biological evolution. Students investigate biological concepts through experience in laboratories and field work using the processes of inquiry.

Course Name: Biology Honors
Course number: 26.0120040 **Term:** Year
Prerequisites: Teacher recommendation. The honors level course has higher expectations and more rigorous coursework than the college preparatory level. Honors classes will move at a faster pace, require more

independent study, and cover topics in greater depth. Characteristics of an honors student include: adequate ability level, a strong sense of responsibility, heightened motivation, and desire to excel. The honors student should also continually apply himself or herself in order to maintain his or her position in the honors program.
Description: The Biology curriculum is designed to continue student investigations of the life sciences and provide students the necessary skills to be proficient in biology. This curriculum includes more abstract concepts such as the interdependence of organisms, the relationship of matter, energy, and organization in living systems, the behavior of organisms, and biological evolution. Students investigate biological concepts through experience in laboratories and field work using the processes of inquiry. Honors classes will complete an additional number of required labs.

Course Name: Physical Science
Course Number: 40.0110000 **Term:** Year
Description: The Physical Science curriculum is designed to continue student investigations of the physical sciences and provide students the necessary skills to have a richer knowledge base in physical science. This course is designed as a survey course of chemistry and physics. This curriculum includes the more abstract concepts such as the conceptualization of the structure of atoms, motion and forces, and the conservation of energy and matter, the action/reaction principle, and wave behavior. Students investigate physical science concepts through experience in laboratories and field work using the processes of inquiry.

Course Name: Physical Science Honors
Course Number: 40.0110040 **Term:** Year
Prerequisites: Teacher recommendation. The honors level course has higher expectations and more rigorous coursework than the college preparatory level. Honors classes will move at a faster pace, require more independent study, and cover topics in greater depth. Characteristics of an honors student include: adequate ability level, a strong sense of responsibility, heightened motivation, and desire to excel. The honors student should also continually apply himself or herself in order to maintain his or her position in the honors program.
Description: The Physical Science curriculum is designed to continue student investigations of the physical sciences and provide students the necessary skills to have a richer knowledge base in physical science and prepare students for advanced chemistry and physics courses. This curriculum includes the more abstract concepts such as the conceptualization of the structure of atoms, motion and forces, and the conservation of energy and matter, the action/reaction principle, and wave behavior. Students investigate physical science concepts through experience in laboratories and field work using the processes of inquiry. Students must have the ability to critically read and analyze information and perform algebraic manipulations easily. Honors classes will complete an additional number of required labs. **Students are required to complete an in-depth, individual literature review and research paper during the first semester.**

Course Name: Chemistry
Course number: 40.0510000 **Term**: Year
Prerequisites: Biology or Physical Science
Additional information: *Students who are enrolled in Chemistry should be on track to take Pre-Calculus and Physics the following school year.*
Description: The Chemistry curriculum is designed to continue student investigations of the physical sciences and provide students the necessary skills to be proficient in chemistry. This curriculum includes more abstract concepts such as the structure of atoms, structure and properties of matter, and the conservation and interaction of energy and matter. This course covers the nature of matter and its classification, law of conservation of matter, modern atomic theory, the periodic table and properties of elements, kinetics, the kinetic-molecular theory, solutions, and acids and bases. Students investigate chemistry concepts through experience in laboratories and field work using the processes of inquiry. Students must have the ability to critically read and analyze information and perform algebraic manipulations easily.

Course: Chemistry Honors
Course Number: 40.05110040 **Term:** Year
Prerequisites: Teacher recommendation. The honors level course has higher expectations and more rigorous coursework than the college preparatory level. Honors classes will move at a faster pace, require more independent study, and cover topics in greater depth. Characteristics of an honors student include: adequate ability level, a strong sense of responsibility, heightened motivation, and desire to excel. The honors student should also continually apply himself or herself in order to maintain his or her position in the honors program.
Description: The Chemistry curriculum is designed to continue student investigations of the physical sciences and provide students the necessary skills to be proficient in chemistry. This curriculum includes more abstract concepts such as the structure of atoms, structure and properties of matter, and the conservation and interaction of

energy and matter. This course covers the nature of matter and its classification, law of conservation of matter, modern atomic theory, the periodic table and properties of elements, kinetics, the kinetic-molecular theory, solutions, and acids and bases. Students investigate chemistry concepts through experience in laboratories and field work using the processes of inquiry. Students must have the ability to critically read and analyze information and perform algebraic manipulations easily. Honors classes will complete an additional number of required labs. **Students are required to complete an in-depth, individual literature review and research paper during the first semester.**

Course: Environmental Science (11th grade)
Course Number: 26.0611000 **Term:** Year
Prerequisites: Biology and Physical Science, Chemistry, or Physics
Description: The Environmental Science curriculum integrates the study of many components of our environment, including the flow of energy and the cycling of matter, the interconnection of all life, the stability and change in an ecosystem, conservation and resource allocation, and evaluation of human activity and technology. This curriculum is extensively performance; lab and field based and includes topics on human population growth and cultural revolutions, advent of environments 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 bio systems.

Course: Earth Systems (12th grade)
Prerequisites: Biology and Physical Science, Chemistry, or Physics
Course Number: 26.0640000 **Term:** Year
Description: Earth Systems Science is designed to continue student investigations of Earth Science and Life Science curricula and 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: Physics
Course Number: 40.0810000 **Term:** Year
Prerequisites: Physical Science and Chemistry. ***Students are required to take Pre-calculus concurrently with Physics.***
Description: The Physics curriculum is designed to continue student investigations of the physical sciences and provide students the necessary skills to be proficient in physics. This course covers the full range of physics topics including mechanics, energy and thermodynamics, electricity, magnetism, waves, light, optics, and modern physics. The subjects are treated both conceptually and mathematically. In addition, extensive laboratory work is required including the writing of formal laboratory reports. This course provides the student with a fundamental background in physics and prepares them for a college level course in Physics.

Course Name: Forensic Science
Course Number: 40.0930000 **Term:** Year
Description: The Forensic Science curriculum is designed to build upon science concepts and to apply science to the investigation of crime scenes. 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.

Course Name: **Astronomy**
Course Number: 40.0210000 **Term**: Year
Prerequisites: Biology, Chemistry, and Physical Science or Physics.
Description: This course will provide the student with an introduction to the concepts of modern astronomy, the origin and history of the Universe and the formation of the Earth and the solar system. Students will compare the Earth's properties with those of the other planets and explore how the heavens have influenced human thought and action. The course gives a description of astronomical phenomena using the laws of physics. The course treats many standard topics including planets, stars, the Milky Way and other galaxies, black holes to more esoteric questions concerning the origin of the universe and its evolution and fate. Although largely descriptive, the course will occasionally require the use of sophomore-high level mathematics. Laboratory exercises include experiments in light properties, measurement of radiation from celestial sources, and observations at local observatories and/or planetariums.

Course Name: **Human Anatomy and Physiology**
Course Number: 26.0730000 **Term:** Year
Prerequisites: Biology and Chemistry
Description: The human anatomy and physiology curriculum is extensively performance and laboratory based. It integrates the study of the structures and functions of the human body and essential requirements for life. Areas of study include organization of the body; protection, support and movement; providing internal coordination and regulation; processing and transporting; and reproduction, growth and development. Dissections are part of the curriculum and all students are expected to participate.

Course Name: **AP Biology**
Course Number: 26.0140010 **Term:** Year
Prerequisites: ***(Application required)*** Biology and Chemistry.
Additional information: *Students who are taking this course during their* ***10th grade*** *year will be required to take Honors Chemistry concurrently with AP Biology.*
Description: AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes — energy and communication, genetics, information transfer, ecology, and interactions.

Course Name: AP Chemistry
Course Number: 40.0530010 **Term:** Year
Prerequisites: ***(Application required)*** Chemistry and Accelerated CCGPS Pre-Calculus
Description: The AP Chemistry course provides students with a foundation to support future advanced course work in chemistry. Through inquiry-based learning, students develop critical thinking and reasoning skills. Students cultivate their understanding of chemistry and science practices as they explore topics such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium.

Course Name: AP Environmental Science
Course number: 26.0620010 **Term:** Year
Prerequisites: ***(Application required)*** Biology, Chemistry, and Advanced Algebra
Description: The AP Environmental Science course is designed to be the equivalent of a one-semester, introductory college course in environmental science, through which students engage with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental Science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography.

Course Name: **AP Physics 1**
Course Number: 40.0830010 **Term:** Year
Prerequisites: ***(Application required)*** Chemistry. ***Students are required to take Pre-calculus concurrently with AP Physics 1.***
Additional information: *Students who are taking this course during their* ***10th grade*** *year will be required to take Honors Chemistry concurrently with AP Physics 1.*
Description: AP Physics 1 is an algebra-based, introductory college-level physics course that explores topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills.

Course Name: **AP Physics 2**
Course Number: 40.0830011 **and** 40.0830012. **Term:** Year
Prerequisites: ***(Application required)*** Physics or AP Physics 1. ***Students are required to take Pre-calculus concurrently with AP Physics 2.***
Description: AP Physics 2 is an algebra-based, introductory college-level physics course that explores topics such as fluid statics and dynamics; thermodynamics with kinetic theory; PV diagrams and probability; electrostatics; electrical circuits with capacitors; magnetic fields; electromagnetism; physical and geometric optics; and quantum, atomic, and nuclear physics. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills.

Course Name: **AP Physics C- Mechanics**
Course Number: 40.0841010 **Term**: Year
Prerequisites: ***(Application required)*** Physics or AP Physics 1. ***Students are required to take***

Calculus concurrently with AP Physics C-Mechanics.
Description: AP Physics C- Mechanics is equivalent to a one-semester, calculus-based, college-level physics course, especially appropriate for students planning to specialize or major in physical science or engineering. The course explores topics such as kinematics; Newton's laws of motion; work, energy and power; systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation. Introductory differential and integral calculus is used throughout the course.

SOCIAL STUDIES

Course Name: World History (10th grade)
Course Number: 45.0830000 **Term:** Year
Description: The World History course provides students with a comprehensive, intensive study of major events and themes in world history. Students begin with a study of the earliest civilizations worldwide and continue to examine major developments and themes in all regions of the world. The course culminates in a study of change and continuity and globalization at the beginning of the 21st century.

Course Name: World History Honors
Course Number: **Term:** Year
Prerequisite: Teacher recommendation. The honors level course has higher expectations and more rigorous coursework than the college preparatory level. Honors classes will move at a faster pace, require more independent study, and cover topics in greater depth. Characteristics of an honors student include: adequate ability level, a strong sense of responsibility, heightened motivation, and desire to excel. The honors student should also continually apply himself or herself in order to maintain his or her position in the honors program.
Description: The World History course provides students with a comprehensive, intensive study of major events and themes in world history. Students begin with a study of the earliest civilizations worldwide and continue to examine major developments and themes in all regions of the world. The course culminates in a study of change and continuity and globalization at the beginning of the 21st century.

Course Name: United States History (11th grade)
Course Number: 45.0810000 **Term:** Year
Prerequisites: World History
Description: The high school United States history course provides students with a comprehensive, intensive study of major events and themes in United States history. Beginning with early European colonization, the course examines major events and themes throughout United States history. The course concludes with significant developments in the early 21st century.

Course Name: AP Human Geography (9th or 12th grade)
Course Number: 45.0770010 **Term:** Year
Prerequisites: ***(Application Required)*** Teacher recommendation.
Description: The AP Human Geography course is equivalent to an introductory college-level course in human geography. The course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications.

Course Name: AP World History
Course Number: 45.0811010 **Term:** Year
Prerequisites: ***(Application Required)***
Description: AP World History focuses on developing students' abilities to think conceptually about world history from approximately 8000 BCE to the present and apply historical thinking skills as they learn about the past. Five themes of equal importance — focusing on the environment, cultures, state-building, economic systems, and social structures — provide areas of historical inquiry for investigation throughout the course. AP World History encompasses the history of the five major geographical regions of the globe: Africa, the Americas, Asia, Europe, and Oceania, with special focus on historical developments and processes that cross multiple regions.

Course Name: AP United States History
Course Number: 45.0820010 **Term:** Year
Prerequisites: ***(Application Required)***
Description: AP United States History focuses on developing students' abilities to think conceptually about U.S. history from approximately 1491 to the present and apply historical thinking skills as they learn about the past. Seven themes of equal importance — identity; peopling; politics and power; work, exchange, and

technology; America in the world; environment and geography; and ideas, beliefs, and culture — provide areas of historical inquiry for investigation throughout the course. These require students to reason historically about continuity and change over time and make comparisons among various historical developments in different times and places.

Course Name: AP Economics **Term:** Year
AP Microeconomics 45.0630011 – First Semester
AP Macroeconomics 45.0620011 – Second Semester
Prerequisites: ***(Application Required)***
Description: *AP Macroeconomics* is an introductory college-level course that focuses on the principles that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price-level determination; it also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts. *AP Microeconomics* is an introductory college-level course that focuses on the principles of economics that apply to the functions of individual economic decision-makers. The course also develops students' familiarity with the operation of product and factor markets, distributions of income, market failure, and the role of government in promoting greater efficiency and equity in the economy. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts.

Course Name: AP Government **Term:** Year
AP United States Government and Politics 45.0520011 – First Semester
AP Comparative Government and Politics 45.0530011 – Second Semester
Prerequisites: ***(Application Required)***
Description: *AP United States Government and Politics* introduces students to key political ideas, institutions, policies, interactions, roles, and behaviors that characterize the political culture of the United States. The course examines politically significant concepts and themes, through which students learn to apply disciplinary reasoning, assess causes and consequences of political events, and interpret data to develop evidence-based arguments. *AP Comparative Government and Politics* introduces students to the rich diversity of political life outside the United States. The course uses a comparative approach to examine the political structures; policies; and the political, economic, and social challenges among six selected countries: Great Britain, Mexico, Russia, Iran, China, and Nigeria. Additionally, students examine how different governments solve similar problems by comparing the effectiveness of approaches to many global issues.

Course Name: AP Psychology
Course Number: 45.0160010 **Term:** Year
Prerequisites: ***(Application Required)***
Description: The AP Psychology course introduces students to the systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with such topics as the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatment of abnormal behavior, and social psychology. Throughout the course, students employ psychological research methods, including ethical considerations, as they use the scientific method, analyze bias, evaluate claims and evidence, and effectively communicate ideas.

Course Name: American Government/Civics - Elective
Course Number: 45.0570001 **Term:** Semester
Description: American Government/Civics provides students with a background in the philosophy, functions, and structure of the United States government. Students examine the philosophical foundations of the United States government and how that philosophy developed. Students also examine the structure and function of the United States government and its relationship to states and citizens.

Course Name: Model UN International Affairs - Elective
Course Number: 45.0910002 **Term:** Semester
Description: Model United Nations (International Affairs) is an elective course designed to provide students with an opportunity to learn about the United Nations and the problems facing the international community. This course is different in its approach in that it requires the student not only to acquire information but also to apply that information via the utilization of several major global simulations. The goal of the course is to prepare young adults to become better-informed and practicing citizens of the global community.

Course Name: Current Issues - Elective
Course Number: 45.0120001 **Term:** Semester

Description: In this elective course, students will have the opportunity to study, in depth, major national and international issues that face the American people. Issues such as education reform, abuse of drugs, violence, attempts at censorship, foreign policy and the death penalty are among those that might be studied. Students will engage in discussions, role playing activities, debates, and other class activities. This course focuses heavily on active student participation.

Course Name: Sociology (11th – 12th grade) - Elective
Course Number: 45.0310003 **Term:** Semester
Description: Sociology is the scientific study of human social interaction. Students will explore the processes by which people form and interact within and between groups. Emphasis will also be placed on the functions and characteristics of the five main social institutions (family, education, religion, economy and government). As sociology is a science, students will be introduced to sociological research methods and use these methods to evaluate current findings and claims in the social sciences. Finally, students will define and explore current social issues and problems facing the world today.

Course Name: Economics (12th grade) - Elective
Course Number: 45.0610001 **Term:** Semester
Prerequisites: World History and United States History
Description: The economics course provides students with a basic foundation in the field of economics. The course has five sections: fundamental concepts, microeconomics, macroeconomics, international economics, and personal finance. In each area, students are introduced to major concepts and themes concerning that aspect of economics.

WORLD LANGUAGES

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

Course Name: French I
Course Number: 60.0110000 **Term:** Year
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 **Term:** Year
Prerequisites: French I
Description: French II 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 **Term:** Year
Prerequisites: French I and teacher recommendation. The honors level course has higher expectations and more rigorous coursework than the college preparatory level. Honors classes will move at a faster pace, require more independent study, and cover topics in greater depth. Characteristics of an honors student include: adequate ability level, a strong sense of responsibility, heightened motivation, and desire to excel. The honors student should also continually apply himself or herself in order to maintain his or her position in the honors program.
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 **Term:** Year
Prerequisites: French II

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

Course Name: French III Honors
Course Number: 60.0130040 **Term:** Year
Prerequisites: French II and teacher recommendation. The honors level course has higher expectations and more rigorous coursework than the college preparatory level. Honors classes will move at a faster pace, require more independent study, and cover topics in greater depth. Characteristics of an honors student include: adequate ability level, a strong sense of responsibility, heightened motivation, and desire to excel. The honors student should also continually apply himself or herself in order to maintain his or her position in the honors program.
Description: French III Honors emphasizes advanced structures of the language through intensive, fast-paced practice in reading, writing, speaking and listening. Major topics include: time & weather; family & friends / relationships; food and restaurants, money & shopping; school & education; daily & leisure time activities; describing oneself, service & repairs, clothing & personal appearance, transportation; vacation & travel, creation of a class newspaper or magazine utilizing the topics listed above; French culture.

Course Name: French IV
Course Number: 60.0140000 **Term:** Year
Prerequisites: French III
Description: French IV is an advanced course designed for students continuing from French III. Student skills will be demonstrated and assessed via a variety of activities including, but not limited to, essays, skits, projects, web activities and video/audio recordings. Major topics include: travel; current affairs; music; culture segments; careers; writing enhancement; relationships; French culture; francophone world.

Course Name: French 4 Honors
Course Number: 60.0140040 **Term:** Year
Prerequisites: French III and teacher recommendation. The honors level course has higher expectations and more rigorous coursework than the college preparatory level. Honors classes will move at a faster pace, require more independent study, and cover topics in greater depth. Characteristics of an honors student include: adequate ability level, a strong sense of responsibility, heightened motivation, and desire to excel. The honors student should also continually apply himself or herself in order to maintain his or her position in the honors program.
Description: French IV Honors is conducted entirely in French and emphasizes a high level of facility of advanced structures of the language through intensive, fast-paced practice in reading, writing, speaking and listening. Skills will be demonstrated and assessed via a variety of activities including, but not limited to, essays, skits, projects, web activities and video/audio recordings. This course is geared to prepare students for the rigors of the AP French Language course. Major topics include: Children's literary themes; visual arts; literary selections; current events; daily life; writing enhancement; French culture.

Course Name: French V Honors
Course Number: 60.0160040 **Term:** Year
Prerequisite: French IV and teacher recommendation. The honors level course has higher expectations and more rigorous coursework than the college preparatory level. Honors classes will move at a faster pace, require more independent study, and cover topics in greater depth. Characteristics of an honors student include: adequate ability level, a strong sense of responsibility, heightened motivation, and desire to excel. The honors student should also continually apply himself or herself in order to maintain his or her position in the honors program.
Description: French V Honors is conducted entirely in French and emphasizes a high level of facility of advanced structures of the language through intensive, fast-paced practice in reading, writing, speaking and listening. This course integrates a systematic review of concepts learned in the first four years of French. Continued emphasis is placed upon communicative skills and cultural information. Major topics include: careers; music; film and theater; art; various kinds of media; French culture.

Course Name: AP French Language
Course Number: 60.0170010 **Term:** Year
Prerequisites: ***(Application Required)*** French IV or V
Description: The AP French Language and Culture course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life

situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. To best facilitate the study of language and culture, the course is taught almost exclusively in French. The course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions).

Course Name: Spanish I
Course Number: 60.0710000 **Term:** Year
Description: This beginning level Spanish course is designed to introduce students to the Spanish language and culture of Spanish-speaking peoples. Students will use the four language skills listening, speaking, reading and writing to attain proficiency and ability to communicate in Spanish. Major Topics: Spanish pronunciation, greetings & common expressions, family & school, time, shopping/purchases, food/meals & celebrations, house/locations, beach activities, leisure time activities, transportation, Spanish culture.

Course Name: Spanish II
Course Number: 60.0720000 **Term:** Year
Prerequisites: Spanish I
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: Spanish pronunciation, greetings & introductions, conversational starters, shopping, food/meals, celebrations, house/neighborhood, beach activities, weather; school, leisure time activities, travel, Spanish culture.

Course Name: Spanish II Honors
Course Number: 60.0720040 **Term:** Year
Prerequisites: Spanish I and teacher recommendation. The honors level course has higher expectations and more rigorous coursework than the college preparatory level. Honors classes will move at a faster pace, require more independent study, and cover topics in greater depth. Characteristics of an honors student include: adequate ability level, a strong sense of responsibility, heightened motivation, and desire to excel. The honors student should also continually apply himself or herself in order to maintain his or her position in the honors program.
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 culture and civilization.

Course Name: Spanish III
Course Number: 60.0730000 **Term:** Year
Prerequisites: Spanish II
Description: This course integrates a systematic review of first and second year concepts with third year materials. Continued emphasis on communicative skills is stressed. Integration of cultural information pertaining to the designated topics of this course occurs in skill areas where appropriate. Major topics: Spanish pronunciation, vacations & hobbies, health & diet, urban life & culture/music, geography & politics/citizenship, clothing & celebrations, occupations, job search/interviews, trade & industry of Latin America, Spanish culture.

Course Name: Spanish III Honors
Course Number: 60.0730040 **Term:** Year
Prerequisites: Spanish II and teacher recommendation. The honors level course has higher expectations and more rigorous coursework than the college preparatory level. Honors classes will move at a faster pace, require more independent study, and cover topics in greater depth. Characteristics of an honors student include: adequate ability level, a strong sense of responsibility, heightened motivation, and desire to excel. The honors student should also continually apply himself or herself in order to maintain his or her position in the honors program.
Description: This course integrates material and skills from Spanish I and II with the new third year concepts and vocabulary, at an accelerated pace. Integration of cultural information pertaining to the designated topics occurs where appropriate. Major topics: Weekend activities & vacations, healthful eating & applying for a job, personal interests and hobbies; geography & culture; clothing & celebrations; music of the

youth; Spanish influence in North America; Spanish art and handcrafts; trade and industry of Latin America; students participate in and create additional communicative activities based on the unit topics which require additional target language research.

Course Name: Spanish IV
Course Number: 60.0740000 **Term:** Year
Prerequisites: Spanish III
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. The students are exposed to various and diverse Hispanic & Spanish Literature, media, music, culture, idiomatic expressions, current affairs, among others topics. Some activities include Internet Web Quests, picture sequence, portfolios, performance based assessments and alternate assessments, etc.

Course Name: Spanish IV Honors
Course Number: 60.0740040 **Term:** Year
Prerequisites: Spanish III and teacher recommendation. The honors level course has higher expectations and more rigorous coursework than the college preparatory level. Honors classes will move at a faster pace, require more independent study, and cover topics in greater depth. Characteristics of an honors student include: adequate ability level, a strong sense of responsibility, heightened motivation, and desire to excel. The honors student should also continually apply himself or herself in order to maintain his or her position in the honors program.
Description: Spanish IV Honors is conducted entirely in Spanish and emphasizes a high level of facility of advanced structures of the language through intensive, fast-paced practice in reading, writing, speaking and listening. This advanced level Spanish course is designed to help students master the four language skills listening, speaking, reading and writing while learning about the culture of the Spanish speaking world. Cultural information pertaining to the topics of this course is included where appropriate. Music and art from Spanish speaking countries are included and some literature will be introduced. The topical content provides a springboard for communication practice and the incorporation of supplemental materials. Major topics: Children's literary themes, visual arts, literary selections, current events, daily life, writing enhancement.

Course Name: Spanish V Honors
Course Number: 60.0750040 **Term:** Year
Prerequisites: Spanish IV and teacher recommendation. The honors level course has higher expectations and more rigorous coursework than the college preparatory level. Honors classes will move at a faster pace, require more independent study, and cover topics in greater depth. Characteristics of an honors student include: adequate ability level, a strong sense of responsibility, heightened motivation, and desire to excel. The honors student should also continually apply himself or herself in order to maintain his or her position in the honors program.
Description: Spanish V Honors is conducted entirely in Spanish and emphasizes a high level of facility of advanced structures of the language through intensive, fast-paced practice in reading, writing, speaking and listening. This course integrates a systematic review of first through fourth year concepts. Continued emphasis on communication skills is stressed, and integration of cultural information pertaining to the designated topics of this course occurs in skill areas where appropriate. Emphasis is placed on sharpening speaking, listening, reading and writing skills in preparation for college placement.

Course Name: AP Spanish Language
Course Number: 60.0770010 **Term:** Year
Prerequisites: ***(Application Required)*** Spanish IV or V
Description: The AP Spanish Language and Culture course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. To best facilitate the study of language and culture, the course is taught almost exclusively in Spanish. 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 cultural products (e.g., tools, books, music , laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions).

Course Name: German I
Course Number: 61.0110000 **Term:** Year
Description: Beginning level German is designed to introduce students to the German language and the

culture of German-speaking peoples. Students will use the four language skills listening, speaking, reading and writing to attain proficiency and the ability to communicate in German. Major topics include: German pronunciation; greetings, alphabet & numbers; family & house; days of the week & time; youth activities & school life; weather & shopping; ordering food; special occasions; hobbies & sports; German culture.

Course Name: German II
Course Number: 61.0120000 **Term:** Year
Prerequisites: German I
Description: German II emphasizes oral fluency and expects distinct growth in vocabulary and sentence patterns for functional use. Major topics include: Greetings & festivals; transportation & driving; vacations & restaurant, living; accommodations, metric system; postal services & telecommunications; German culture.

Course Name: German II Honors
Course Number: 61.0120040 **Term:** Year
Prerequisites: German I and teacher recommendation. The honors level course has higher expectations and more rigorous coursework than the college preparatory level. Honors classes will move at a faster pace, require more independent study, and cover topics in greater depth. Characteristics of an honors student include: adequate ability level, a strong sense of responsibility, heightened motivation, and desire to excel. The honors student should also continually apply himself or herself in order to maintain his or her position in the honors program.
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; transportation & driving; vacations & restaurant, living; accommodations, metric system; postal services & telecommunications; German culture.

Course Name: German III Honors
Course Number: 61.0130040 **Term:** Year
Prerequisites: German II or German II Honors and teacher recommendation. The honors level course has higher expectations and more rigorous coursework than the college preparatory level. Honors classes will move at a faster pace, require more independent study, and cover topics in greater depth. Characteristics of an honors student include: adequate ability level, a strong sense of responsibility, heightened motivation, and desire to excel. The honors student should also continually apply himself or herself in order to maintain his or her position in the honors program.
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 Honors
Course Number: 61.0140040 **Term:** Year
Prerequisites: German III or German III Honors and teacher recommendation. The honors level course has higher expectations and more rigorous coursework than the college preparatory level. Honors classes will move at a faster pace, require more independent study, and cover topics in greater depth. Characteristics of an honors student include: adequate ability level, a strong sense of responsibility, heightened motivation, and desire to excel. The honors student should also continually apply himself or herself in order to maintain his or her position in the honors program.
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: AP German Language
Course Number: 61.0170010 **Term:** Year
Prerequisites: ***(Application Required)*** German IV
Description: The AP German Language and Culture course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. To best facilitate the study of language and culture, the course is taught almost exclusively in

German. The AP German 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 cultural products (e.g., tools, books, music , laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions).

TALENTED AND GIFTED (TAG)

The TAG Program has numerous participation options for gifted students including seminars, individual projects, TAG Directed Study, TAG Career Internships, and Advanced Placement courses.
See Ms. Siwy – TAG Office E06

Course Name: TAG Seminar	**Course Number**
Gifted Participation – 9th	70.2330008
Gifted Participation – 10th	70.2330009
Gifted Participation – 11th	70.2340008
Gifted Participation – 12th	70.2340009

Prerequisites: Enrollment in TAG program
Description: Students will receive seminar schedules from their TAG advisors.

Course Name: TAG Directed Study (11th – 12th grade)

First Year Directed Study	Second Year Directed Study
70.2320000- Yearlong	70.2330000- Yearlong
70.2320001- Fall Semester	70.2330001- Fall Semester
70.2320002- Spring Semester	70.2330002- Spring Semester

Prerequisites: (Application & Interview) Application can be obtained in the TAG office and must be approved by the TAG teacher coordinating directed studies. Directed Studies may be taken in all academic areas. Student and teacher will write a curriculum contract that lists goals, objectives, and requirements. Students must have a signed Directed Study sheet.
Description: The Gifted Directed Study, an elective course for gifted students, provides for carefully designed research experiences for individual TAG students under the supervision of a TAG teacher. The course is designed to encourage the development of the whole student as a researcher and problem solver. In collaboration with a TAG teacher, the student defines and schedules the directed study by contract. The majority of contract objectives are derived from the analysis, synthesis, and evaluation levels of Bloom's Taxonomy, and the processes employed include the major elements of Treffinger's creative problem solving techniques.

Course Name: TAG Career Internship (11th – 12th grade)

First Year Internship	Second Year Internship
70.2210000- Yearlong	70.2220000- Yearlong
70.2210001- Fall Semester	70.2220001- Fall Semester
70.2210002- Spring Semester	70.2220002- Spring Semester

Prerequisites: Approval of TAG teacher and completion of the seminar "Hire Me!"
Description: The TAG Career Internship Advisor will match students with professionals in a career area of interest. While selecting an internship site for a student, TAG Career Internship Advisors must take into consideration availability of sites, the qualifications of individual students, the drive radius of individual students, and the needs of all students in the program. By participating during one or two class periods, students will engage in professional occupational experiences for elective credit on a non- paid basis.

CAREER TECHNOLOGY PATHWAY ELECTIVES

AUDIO-VIDEO TECHNOLOGY & FILM

Course Name: Audio-Video Technology and Film
Course Number: 10.5181000 **Term**: Year
Prerequisites: None
Description: This course will serve as the foundational course in the Audio & Video Technology & Film pathway. The course prepares students for employment or entry into a postsecondary education program in the audio and video technology career field. Topics covered may include, but are not limited to: terminology, safety, basic equipment, script writing, production teams, production and programming, lighting, recording and editing, studio production, and professional ethics. Skills USA, the Georgia Scholastic Press Association, Technology Student Association (TSA) and Student Television Network are examples of, but not limited to, appropriate organizations for providing leadership training and/or for reinforcing specific career and technical

skills and may be considered an integral part of the instructional program. All material covered in Audio & Video Technology & Film I will be utilized in subsequent courses. ***Extracurricular productions are a requirement in this program.***

Course Name: Audio-Video Technology and Film II
Course Number: 10.5191000 **Term:** Year
Prerequisites: Audio & Video Technology & Film
Description: This one credit course is the second in a series of three that prepares students for a career in Audio Video Technology and Film production and/or to transfer to a postsecondary program for further study. Topics include Planning, Writing, Directing and Editing a Production; Field Equipment Functions; Operational Set-Up and Maintenance; Advanced Editing Operations; Studio Productions; Performance; Audio/Video Control Systems; Production Graphics; Career Opportunities; and Professional Ethics. Skills USA, the Georgia Scholastic Press Association, Technology Student Association (TSA) and Student Television Network are examples of, but not limited to, appropriate organizations for providing leadership training and/or for reinforcing specific career and technical skills and may be considered an integral part of the instructional program. ***Extracurricular productions are a requirement in this program.***

Course Name: Audio-Video Technology and Film III *(Required for pathway completion)*
Course Number: 10.5201000 **Term:** Year
Prerequisites: Audio & Video Technology & Film II
Description: This one-credit transition course is designed to facilitate student-led projects under the guidance of the instructor. Students work cooperatively and independently in all phases of production. Skills USA, the Georgia Scholastic Press Association, Technology Student Association (TSA), and Student Television Network are examples of, but not limited to, appropriate organizations for providing leadership training and/or for reinforcing specific career and technical skills and may be considered an integral part of the instructional program. ***Extracurricular productions are a requirement in this program.***

Course Name: Work-Based Learning (11th – 12th grade) ***See Ms. Robinson I-18***
Prerequisite: ***(Application Required)*** Completion of Audio-Video Technology and Film I-III

BUSINESS ACCOUNTING

Course Name: Introduction to Business & Technology
Course Number: 07.4413000 **Term:** Year
Description: Introduction to Business & Technology is the foundational course for Advanced Accounting, Business Accounting, Banking, and Insurance pathways. The course is designed for high school students as a gateway to the career pathways above, and 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. 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. Various forms of technologies will be highlighted to expose students to the emerging technologies impacting the business world. Professional communication skills and practices, problem-solving, ethical and legal issues, and the impact of effective presentation skills are taught in this course as a foundational knowledge to prepare students to be college and career ready. Introduction to Business & Technology is a course that is appropriate for all high school students. After mastery of the standards in this course, students should be prepared to earn an industry recognized credential: Microsoft Office Specialist for Word Core Certification.

Course Name: Financial Literacy
Course Number: 07.4260000 **Term:** Year
Prerequisites: Introduction to Business and Technology
Description: This course specifically 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. Various forms of technologies and internet research will be highlighted to expose students to the resources available when managing personal financial goals. Employability skills are integrated into activities, tasks, and projects throughout the course standards to demonstrate the skills required by business and industry. Competencies in the co-curricular student organization, Future Business Leaders of America (FBLA), are integral components of the employability skills standard for this course. Financial Literacy is the second course in the Business Accounting and Financial Services pathways in the Finance Cluster.

Course Name: Principles of Accounting I *(Required for pathway completion)*
Course Number: 07.4110000 **Term:** Year
Prerequisites: Financial Literacy
Description: Principles of Accounting I is a skill-level course that is of value to all students pursuing a strong background in business, marketing, and management. Using financial information, students will learn how to make decisions about planning, organizing, and allocating resources using accounting procedures. Performing accounting activities for sole proprietorships and corporations following Generally-Accepted Accounting Procedures are included in the course. Students analyze business transactions and financial statements, perform payroll, and evaluate the effects of transactions on the economic health of a business. Various forms of technologies and internet research will be highlighted to expose students to the resources available when learning the language of business. Employability skills are integrated into activities, tasks, and projects throughout the course standards to demonstrate the skills required by business and industry. Competencies in the co-curricular student organization, Future Business Leaders of America (FBLA), are integral components of the employability skills standard for this course.
Principles of Accounting I is the third course in the Business Accounting pathway in the Finance Cluster.

Course Name: Work-Based Learning (11th – 12th grade) ***See Ms. Robinson I-18***
Prerequisite: ***(Application Required)*** Completion of Audio-Video Technology and Film I-III

WEB & DIGITAL DESIGN

Course Name: Introduction to Digital Technology
Course Number: 11.4150000 **Term:** Year
Description: Introduction to Digital Technology is the foundational course for Web & Digital Communications, Programming, Advanced Programming, Information Support & Services, and Network Systems pathways. This course is designed for high school students to understand, communicate, and adapt to a digital world as it impacts their personal life, society, and the business 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. 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. 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. Various forms of technologies will be highlighted to expose students to the emerging technologies impacting the digital world. Professional communication skills and practices, problem-solving, ethical and legal issues, and the impact of effective presentation skills are taught in this course as a foundational knowledge to prepare students to be college and career ready. The knowledge and skills taught in this course build upon each other to form a comprehensive introduction to digital world. Introduction to Digital Technology is a course that is appropriate for all high school students.

Course Name: Digital Design
Course Number: 11.4510000 **Term:** Year
Prerequisites: Introduction to Digital Technology
Description: Using web design as the platform for product design and presentation, students will create and learn digital media applications using elements of text, graphics, animation, sound, video and digital imaging for various format. The digital media and interactive media projects developed and published showcase the

student skills and ability. Emphasis will be placed on effective use of tools for interactive multimedia production including storyboarding, visual development, project management, digital citizenship, and web processes. Students will create and design web sites that incorporate digital media elements to enhance content of web site. Various forms of technologies will be used to expose students to resources, software, and applications of media. Professional communication skills and practices, problem-solving, ethical and legal issues, and the impact of effective presentation skills are enhanced in this course to prepare students to be college and career ready. Employability skills are integrated into activities, tasks, and projects throughout the course standards to demonstrate the skills required by business and industry. Competencies in the co-curricular student organization, Future Business Leaders of America (FBLA), are integral components of the employability skills standard for this course. Digital Design is the second course in the Web and Digital Design pathway in the Information Technology cluster.

Course Name: Web Design *(Required for pathway completion)*
Course Number: 11.4520000 **Term:** Year
Prerequisites: Digital Design
Description: Taking this course will equip students will the ability to plan, design, and create a web site. Students will move past learning how to write code and progress to designing a professional looking web site using graphical authoring tools that contains multimedia elements. Working individually and in teams, students will learn to work with web page layout and graphical elements to create a professional looking web site. Various forms of technologies will be used to expose students to resources, software, and applications of web design. Professional communication skills and practices, problem-solving, ethical and legal issues, and the impact of effective presentation skills are enhanced in this course to prepare students to be college and career ready. Employability skills are integrated into activities, tasks, and projects throughout the course standards to demonstrate the skills required by business and industry. Competencies in the co-curricular student organization, Future Business Leaders of America (FBLA), are integral components of the employability skills standard for this course. After mastery of the standards in this course, students should be prepared to take the end of pathway assessment in this career area. Web Design is the third course in the Web & Digital Design pathway in the Information Technology cluster.

Course Name: Work-Based Learning (11th – 12th grade) ***See Ms. Robinson I-18***
Prerequisite: ***(Application Required)*** Completion Introduction to Digital Technology, Digital Design, and Web Design.

PROGRAMMING

Course Name: Introduction to Digital Technology
Course Number: 11.4150000 **Term:** Year
Description: Introduction to Digital Technology is the foundational course for Web & Digital Communications, Programming, Advanced Programming, Information Support & Services, and Network Systems pathways. This course is designed for high school students to understand, communicate, and adapt to a digital world as it impacts their personal life, society, and the business 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. 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. 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. Various forms of technologies will be highlighted to expose students to the emerging technologies impacting the digital world. Professional communication skills and practices, problem-solving, ethical and legal issues, and the impact of effective presentation skills are taught in this course as a foundational knowledge to prepare students to be college and career ready. The knowledge and skills taught in this course build upon each other to form a comprehensive introduction to digital world. Introduction to Digital Technology is a course that is appropriate for all high school students.

Course Name: Computer Science Principles
Course Number: 11.4710000 **Term:** Year
Prerequisites: Introduction to Digital Technology
Description: Computer Science (CS) Principles is an intellectually rich and engaging course that is focused on building a solid understanding and foundation in computer science. This course emphasizes the content,

practices, thinking and skills central to the discipline of computer science. Through both its content and pedagogy, this course aims to appeal to a broad audience. The focus of this course will fall into these computational thinking practices: connecting computing, developing computational artifacts, abstracting, analyzing problems and artifacts, communicating, and collaborating. Various forms of technologies will be used to expose students to resources and application of computer science. Professional communication skills and practices, problem-solving, ethical and legal issues, and the impact of effective presentation skills are enhanced in this course to prepare students to be college and career ready. Employability skills are integrated into activities, tasks, and projects throughout the course standards to demonstrate the skills required by business and industry. Computer Science Principles is the second course in the pathways Programming and Computer Science in the Information Technology Cluster.

Course Name: Programming, Games, Apps and Society *(Required for pathway completion)*
Course Number: 11.4720000 **Term:** Year
Prerequisites: Computer Science Principles
Description: The course is designed for high school students to strategize, design, and develop games and mobile and desktop applications that can be produced in the real world. Students will learn about life-cycles of project development and use models to develop applications. Attention will be placed on how user interfaces affect the usability and effectiveness of a game or an application. Programming constructs will be employed which will allow students' applications to interact with "real world," stimuli. The course exposes students to privacy, legality, and security considerations with regards to the software industry. Various forms of technologies will be used to expose students to resources, software, and applications of programming. Professional communication skills and practices, problem-solving, ethical and legal issues, and the impact of effective presentation skills are enhanced in this course to prepare students to be college and career ready. Employability skills are integrated into activities, tasks, and projects throughout the course standards to demonstrate the skills required by business and industry. Competencies in the co-curricular student organization, Future Business Leaders of America (FBLA), are integral components of the employability skills standard for this course. Programming, Games, Apps and Society is the third course in the Programming pathway in the Information Technology cluster. After mastery of the standards in this course, students should be prepared to take the end of pathway assessment in this career area.

Course Name: Work-Based Learning (11th – 12th grade) ***See Ms. Robinson I-18***
Prerequisite: ***(Application Required)*** Completion Introduction to Digital Technology, Computer Science Principles, and Programming, Games, Apps, and Society.

COMPUTER SCIENCE

Course Name: Introduction to Digital Technology
Course Number: 11.4150000 **Term:** Year
Description: Introduction to Digital Technology is the foundational course for Web & Digital Communications, Programming, Advanced Programming, Information Support & Services, and Network Systems pathways. This course is designed for high school students to understand, communicate, and adapt to a digital world as it impacts their personal life, society, and the business 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. 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. 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. Various forms of technologies will be highlighted to expose students to the emerging technologies impacting the digital world. Professional communication skills and practices, problem-solving, ethical and legal issues, and the impact of effective presentation skills are taught in this course as a foundational knowledge to prepare students to be college and career ready. The knowledge and skills taught in this course build upon each other to form a comprehensive introduction to digital world. Introduction to Digital Technology is a course that is appropriate for all high school students.

Course Name: Computer Science Principles
Course Number: 11.4710000 **Term:** Year
Prerequisites: Introduction to Digital Technology
Description: Computer Science (CS) Principles is an intellectually rich and engaging course that is focused

on building a solid understanding and foundation in computer science. This course emphasizes the content, practices, thinking and skills central to the discipline of computer science. Through both its content and pedagogy, this course aims to appeal to a broad audience. The focus of this course will fall into these computational thinking practices: connecting computing, developing computational artifacts, abstracting, analyzing problems and artifacts, communicating, and collaborating. Various forms of technologies will be used to expose students to resources and application of computer science. Professional communication skills and practices, problem-solving, ethical and legal issues, and the impact of effective presentation skills are enhanced in this course to prepare students to be college and career ready. Employability skills are integrated into activities, tasks, and projects throughout the course standards to demonstrate the skills required by business and industry. Computer Science Principles is the second course in the pathways Programming and Computer Science in the Information Technology Cluster.

Course Name: AP Computer Science A* *(Required for pathway completion)*
Course Number: 11.0160010 **Term:** Year
Prerequisites: ***(Application Required)*** Computer Science Principles. Students should be comfortable with functions and the concepts found in the uses of function notation, such as $f(x) = x + 2$ and $f(x) = g(h(x))$. It is important that students and their advisers understand that any significant computer science course builds upon a foundation of mathematical reasoning that should be acquired before attempting such a course.
Description: AP Computer Science A is equivalent to a first-semester, college-level course in computer science. The course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem solving and design using Java language. These techniques represent proven approaches for developing solutions that can scale up from small, simple problems to large, complex problems. The AP Computer Science A course curriculum is compatible with many CS1 courses in colleges and universities.
AP Computer Science A can be taken as a stand-alone elective.

Course Name: Work-Based Learning (11th – 12th grade) ***See Ms. Robinson I-18***
Prerequisite: ***(Application Required)*** Completion Introduction to Digital Technology, Computer Science Principles, and Computer Science A

ENGINEERING & TECHNOLOGY

Course Name: Foundations of Engineering Technology
Course Number: 21.4250000 **Term:** Year
Description: The Foundations of Engineering and Technology is the introductory course for the Engineering and Technology Education pathways. This STEM driven course provides the students with an overview of engineering and technology including the different methods used in the engineering design process developing fundamental technology and engineering literacy. Students will demonstrate the skills and knowledge they have learned through various project based activities while using an engineering design process to successfully master the "E" in STEM.

Course Name: Engineering Concepts
Course Number: 21.4710000 **Term:** Year
Prerequisites: Foundations of Engineering Technology
Description: Engineering Concepts is the second course in the Engineering and Technology Pathway. Students will learn to design technical solutions to engineering problems using a whole systems approach to engineering design. Students will demonstrate the application of mathematical tools, teamwork, and communications skills in solving various design challenges, while maintaining a safe work environment.

Course Name: Engineering Applications
Course Number: 21.4720000 **Term:** Year
Prerequisites: Engineering Concepts
Description: Engineering Applications is the third course in the Engineering and Technology Pathway. Students will apply their knowledge of Science, Technology, Engineering, and Math (STEM) to develop solutions to technological problems. Solutions will be developed using a combination of engineering software and prototype production processes. Students will use market research, cost benefit analysis, and an understanding of the design cycle to create and present design, marketing, and business plans for their solutions. A capstone project will allow students to demonstrate their depth of knowledge of the engineering design process and prepare them for future opportunities in the field of engineering.

Course Name: Work-Based Learning (11th – 12th grade) ***See Ms. Robinson I-18***

Prerequisite: ***(Application Required)*** Foundations of Engineering & Technology, Engineering Concepts, and Engineering Applications.

FOOD & NUTRITION

Course Name: Food, Nutrition and Wellness
Course Number: 20.4161000 **Term:** Year
Description: Food, Nutrition and Wellness is the foundational course in the nutrition and food science pathway. The focus of the course is centered on healthy food and lifestyle choices. Students will investigate the interrelationship of food, nutrition and wellness to promote good health.
Mastery of standards through project-based learning, technical skills practice, and leadership development activities of Family, Career and Community Leaders of America (FCCLA) will provide students with a competitive edge for either entry into the education global marketplace and/or the post-secondary institution of their choice to continue their education and training.

Course Name: Food for Life
Course Number: 20.4140000 **Term:** Year
Prerequisites: Food, Nutrition and Wellness
Description: Food for Life is an advanced course in food and nutrition that addresses the variation in nutritional needs at specific stages of the human life cycle: lactation, infancy, childhood, adolescence, and adulthood including elderly. The most common nutritional concerns, their relationship to food choices and health status and strategies to enhance well-being at each stage of the lifecycle are emphasized. This course provides knowledge for real life and offers students a pathway into dietetics, consumer foods, and nutrition science careers with additional education at the post-secondary level.

Course Name: Food Science *(Required for pathway completion)*
Course Number: 20.4181000 **Term:** Year
Prerequisites: Food for Life
Description: Food science integrates many branches of science and relies on the application of the rapid advances in technology to expand and improve the food supply. Students will evaluate the effects of processing, preparation, and storage on the quality, safety, wholesomeness, and nutritive value of foods. Building on information learned in Nutrition and Wellness and Chemistry, this course illustrates scientific principles in an applied context, exposing students to the wonders of the scientific world. Related careers will be explored.

Course Name: Work-Based Learning (11th – 12th grade) ***See Ms. Robinson I-18***
Prerequisite: ***(Application Required)*** Food, Nutrition and Wellness, Food for Life, and Food Science

HEALTH SCIENCE: THERAPEUTIC SERVICES

Course Name: Introduction to Healthcare Science
Course Number: 25.5210000 **Term:** Year
Description: Introduction to Healthcare Science is the foundational course for all Health Science pathways and is a prerequisite for all other Healthcare Science pathway courses. 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: 25.4400000 **Term:** Year
Prerequisites: Introduction to Healthcare Science
Description: Anatomy and Physiology is a vital part of most healthcare post-secondary education programs. 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.

Course Name: Allied Health and Medicine* *(Required for pathway completion)*
Course Number: 25.4370000 **Term:** Year
Prerequisites: Essentials of Healthcare
Description: This course is designed to offer students (preferably upper classmen - juniors or seniors) the opportunity to become effective and efficient multi-skilled healthcare providers as they develop a working knowledge of various allied health opportunities. Students focusing on a career path in the healthcare field may apply classroom/lab knowledge and skills in the clinical setting as they participate in direct or simulated client care. The curriculum allows instructors to provide options for classroom/student growth opportunities in area(s) of interest to the student. These options may be determined by community need, available resources, and/or student interest, etc. This course was developed according to a basic 50-minute class time frame, but may be adjusted according to local system schedules. Instructors may select which classroom content standards 1-14 best meet his/her individual classroom needs in addition to the required clinical/capstone project to equal total class time available for the course.

Course Name: Emergency Medical Responder* *(Required for pathway completion)*
Course Number: 25.4500000 **Term:** Year
Prerequisites: Essentials of Healthcare
Description: The Emergency Medical Responder (EMR) course prepares the student to provide initial stabilizing care to the sick or injured prior to the arrival of Emergency Medical Services Professionals (EMS), and to assist EMS personnel in transporting patients for definitive care at an appropriate hospital/facility. Major areas of instruction include Introductory Medical Terminology and Anatomy & Physiology; Responder Safety; Incident Command; Blood-borne Pathogen Training; Basic Physical Assessment; and Treatment of Trauma and Medical Emergencies; Cardiopulmonary Resuscitation and the use of Automatic External Defibrillators (AEDs). The course is a blend of lecture, hands on lab/learning, and practical scenario-based learning/testing. The course will include Healthcare Provider CPR/AED Certification from a Nationally-Recognized Body (American Heart Association or Red Cross, etc.).

Course Name: Medical Services Internship (12th grade) ***See Ms. Cochrane F-40***
Course Number: 25.5260000
Prerequisite: ***(Application Required)*** Introduction to Healthcare Science Technology, Essentials of Healthcare, and Emergency Medical Responder, or Allied Health & Medicine.
Description: This internship of experiences in hospital, medical, dental, physical therapy and/or veterinary offices reinforce learning in the classroom. Students are at the clinical sites three to four days/week and are in the classroom one to two days/week to earn additional certifications in oxygen administration, blood borne pathogens, and HIPPA. Students must provide their own transportation to and from clinical sites.

Students can choose either Allied Health & Medicine OR Emergency Medical Responder to complete the Health Science: Therapeutic Services Pathway

JROTC/Army

Course Name: JROTC Army Leadership Education Training I
Course Number: 28.0310000 **Term:** Year
Description: Junior Reserve Officer Training Corps (JROTC) is a leadership education program. This program will help students build a strong knowledge base of self-discovery and leadership skills applicable to many leadership and managerial situations. Mastery of these standards through project-based learning, service learning and leadership development activities will prepare students for 21st Century leadership responsibilities. This laboratory course is designed to introduce students to the history, customs, traditions and purpose of the Army JROTC program. It teaches students strategies to maximize their potential for success through learning and self-management. Basic leadership skills to include leadership principles, values and attributes and communications skills are integrated throughout the course. High schools students develop an understanding of learning style preferences, multiple intelligences, emotional intelligence and study skills. These self- assessments will enable students to be self-directed learners. The JROTC curriculum is enhanced through physical fitness activities, extracurricular and co-curricular activities that support the core employability skills standards and McRel academic standards.

Course Name: JROTC Army Leadership Education Training II*
Course Number: 28.0320000 **Term:** Year
Prerequisites: JROTC I
Description: This laboratory course is designed to build on the self-discovery skills sets taught in JROTC 1. As self-directed learners, students study the fundamentals citizenship skills, the foundation of the American

political system and our Constitution. Personal responsibility and wellness is reinforced by diet, nutrition and physical fitness activities. Drug and alcohol awareness and prevention are reinforced. Students are placed in leadership roles that enable them to demonstrate an understanding of basic leadership principles, values and attributes. The Junior ROTC curriculum is enhanced through physical fitness activities, extracurricular and co-curricular activities that support the core employability skills standards and McRel academic standards.

Course Name: JROTC Army Leadership Education Training III*
Course Number: 28.0330000 **Term:** Year
Prerequisites: JROTC II
Description: This laboratory course is designed to build on the leadership experiences developed during JROTC Army 1 and 2. Basic command and staff principles are introduced and include an overview of organizational roles and responsibilities. Leadership strategies, managing conflict, leading others, planning and communications skills are evaluated to improve organizational effectiveness. Career planning is investigated. The Junior ROTC curriculum is enhanced through physical fitness activities, extracurricular and co-curricular activities that support the core employability skills standards and McRel academic standards.

Course Name: JROTC Army Leadership Education Training IV
Course Number: 28.0340000 **Term:** Year
Prerequisites: JROTC III
Description: Junior Reserve Officer Training Corps (JROTC) is a leadership education program. This program will help students build a strong knowledge base of self-discovery and leadership skills applicable to many leadership and managerial situations. Mastery of these standards through project-based learning, service learning and leadership development activities will prepare students for 21st Century leadership responsibilities. This laboratory course is designed build on the leadership skills developed in JROTC 3. Students develop an in-depth understanding of the branches of military service. Intermediate leadership skills to include leadership principles, values and attributes and communications skills are integrated throughout the course. Financial planning skills are studied through the National Endowment for Financial Education. Fundamental teaching skills are introduced. The JROTC curriculum is enhanced through physical fitness activities, extracurricular and co-curricular activities that support the core employability skills standards and McRel academic standards.

JROTC II and JROTC III can be taken concurrently.

LAW ENFORCEMENT SERVICES/FORENSIC SCIENCE

Course Name: Introduction to Law, Public Safety, Corrections, and Security
Course Number: 43.4500000 **Term:** Year
Description: Introduction to Law, Public Safety, Corrections, and Security (LPSCS) is the pre-requisite for all other courses within the Career Cluster. This course provides students with career focused educational opportunities in various LPSCS fields. It examines the basic concepts of law related to citizens' rights and the responsibilities, and students will receive instruction in critical skill areas including: communicating with diverse groups, conflict resolution, ethics, CERT (Citizens Emergency Response Training, or similar program), basic firefighting, report writing, terrorism, civil and criminal law. Career planning and employability skills will be emphasized.

Course Name: Criminal Justice Essentials
Course Number: 43.4510000 **Term:** Year
Prerequisites: Introduction to Law, Public Safety, Corrections, and Security
Description: Introduction to Law, Public Safety, Corrections, and Security (LPSCS) is the pre-requisite for all other courses within the Career Cluster. This course provides students with career focused educational opportunities in various LPSCS fields. It examines the basic concepts of law related to citizens' rights and the responsibilities, and students will receive instruction in critical skill areas including: communicating with diverse groups, conflict resolution, ethics, CERT (Citizens Emergency Response Training, or similar program), basic firefighting, report writing, terrorism, civil and criminal law. Career planning and employability skills will be emphasized.

Course Name: Criminal Investigations* *(Required for pathway completion)*
Course Number: 43.4530000 **Term:** Year
Prerequisites: Criminal Justice Essentials
Description: Introduction to Law, Public Safety, Corrections, and Security (LPSCS) is the pre-requisite for all other courses within the Career Cluster. This course provides students with career focused educational opportunities in various LPSCS fields. It examines the basic concepts of law related to citizens' rights and the responsibilities, and students will receive instruction in critical skill areas including: communicating with

diverse groups, conflict resolution, ethics, CERT (Citizens Emergency Response Training, or similar program), basic firefighting, report writing, terrorism, civil and criminal law. Career planning and employability skills will be emphasized.

Course Name: Forensic Science and Criminal Investigations* *(Required for pathway completion)*
Course Number: 43.4520000 **Term:** Year
Prerequisites: Criminal Justice Essentials
Description: Forensic Science and Criminal Investigations is a course designed to contextualize scientific principles within the career studies of students interested in criminal justice. The course will utilize scientific equipment; therefore, instructors should have access to a science lab if their Career and Technical Education lab is not equipped. Students will study the forensic application of principles of chemistry, biology, physics and other disciplines. Students will utilize chromatography, electrophoresis, microscopic observation, and other scientific techniques in their studies. Students will also learn some investigative techniques and crime scene investigation skills through the lens of the scientific method.

Course Name: Work-Based Learning (11th – 12th grade) ***See Ms. Robinson I-18***
Prerequisite: ***(Application Required)*** Introduction to Law, Public Safety, Corrections, and Security, Criminal Justice Essentials, and Criminal Investigations or Forensic Science and Criminal Investigations

Students can choose either Criminal Investigations OR Forensic Science & Criminal Investigations to complete the Law Enforcement Services pathway.

FINE ART ELECTIVES

ART

Course Name: Introduction to Art
Course Number: 50.0211001 **Term:** Semester
Description This semester long introductory course establishes a standard and consistent foundation in the discipline of visual art. Students will be introduced to all aspects of visual art including but not limited to art as personal communication, drawing, sculpture, ceramics, design, aesthetics, careers, art criticism and art history. There are no required prerequisites for this course.

Course Name: Ceramics I
Course Number: 50.4411001 **Term:** Semester
Prerequisites: Introduction to Art
Description: This semester long course in ceramics covers the three basic methods of hand building. Students will produce ceramic artwork using pinch, slab, and coil techniques. Students will learn the basic vocabulary of ceramics as well methods of surface treatment, firing, and other related aspects. Ceramic history, aesthetics, and art criticism will be incorporated throughout the course.

Course Name: Ceramics II
Course Number: 50.0412001 **Term:** Semester
Prerequisites: Introduction to Art and Ceramics I
Description: This semester long course provides in-depth work with clay beyond that of Ceramics 1. Students will further technical ability in hand building, surface decoration, and/or wheel-thrown ceramics. Glaze chemistry will be addressed with an emphasis on how a glaze works and how to alter results. Alternative firing techniques will introduce students to various surface effects and firing atmospheres. Students will work in a more conceptual manner to develop their own ideas, style and artistic voice. Students will continue to investigate ceramics from around the world and throughout time.

Course Name: Ceramics III
Course Number: 50.0413001 **Term:** Semester
Prerequisites: Introduction to Art, Ceramics I, and Ceramics II
Description: This semester long advanced course provides in-depth work with clay. Students will further technical ability in hand building, surface decoration, and/or wheel-thrown ceramics. Glaze chemistry will be addressed with an emphasis on how a glaze works and how to alter results. Alternative firing techniques will introduce students to various surface effects and firing atmospheres.

Course Name: Ceramics IV
Course Number: 50.0414001 **Term:** Semester
Prerequisites: Introduction to Art, Ceramics I, Ceramics II, and Ceramics III
Description: This semester long advanced course provides in-depth work with clay. Students will work in a more conceptual manner to develop their own ideas, style and artistic voice while developing a portfolio.

Course Name: Drawing and Painting I

Course Number: 50.0313001 **Term:** Semester
Prerequisites: Introduction to Art
Description: This semester length course instructs students in fundamental drawing skills and prepares them to make the transition to painting. Course work builds on drawing skills introduced in Introduction to Art. Drawing approaches include contour, value to model form, gesture, perspective and color; students work with drawing media such as pencil, charcoal, conte, oil pastels. Art history, criticism and aesthetics are incorporated with studio production of drawings and paintings.

Course Name: Drawing and Painting II
Course Number: 50.0314001 **Term:** Semester
Prerequisites: Introduction to Art and Drawing and Painting I
Description: This semester long course develops fundamental painting skills and continues to strengthen composition and drawing skills. The course includes studies in color sensitivity and a wide range of media and techniques. Students will work in watercolor, acrylics and oils. Art history, criticism, and aesthetics are incorporated with studio production of drawings and paintings.

Course Name: Drawing and Painting III
Course Number: 50.0321001 **Term:** Semester
Prerequisites: Introduction to Art, Drawing & Painting I, and Drawing & Painting II
Description: This semester long course continues to develop painting skills and strengthen composition and drawing skills. The course includes studies in color sensitivity and a wide range of media and techniques. Students begin working on creating a unique artistic style and developing a portfolio. ***This is considered a Pre-AP Drawing Portfolio class.***

Course Name: Drawing and Painting IV
Course Number: 50.0322001 **Term:** Semester
Prerequisites: Introduction to Art, Drawing & Painting I, Drawing & Painting II, and Drawing & Painting III
Description: This advanced semester long course continues to develop painting skills and strengthen composition and drawing skills. Students work on creating a unique artistic style and develop a portfolio of work for future career or college. ***This is considered a Pre-AP Drawing Portfolio class.***

Course Name: Photography I
Course Number: 50.0711001 **Term:** Semester
Prerequisites: Introduction to Art
Description: This semester long course is an introduction to black and white photography and darkroom processing. Students will construct their own pinhole camera, take photos, and develop photos in the darkroom creating a photographic portfolio as they learn the technical and artistic aspects of photography. A brief introduction to digital photography will be included. Photo history, critiques of photos, aesthetics and design will be addressed throughout the semester. Students will have assignments to make some photos at home and keep a visual journal. Students will provide their own light sensitive paper which can be purchased in bulk for a discount.

Course Name: Photography II
Course Number: 50.0712001 **Term:** Semester
Prerequisites: Introduction to Art and Photography I
Description: Is a semester long course that builds on basic skills and darkroom techniques learned in Photo Design I. Students hone skills in communicating meaning through photography. They learn to use a 35mm camera, they develop and print images from black and while film and refine their darkroom and printing techniques. The course incorporates aesthetics, art criticism, art history and a brief introduction to digital photography.

Course Name: Photography III
Course Number: 50.0713001 **Term:** Semester
Prerequisites: Introduction to Art, Photography I, and Photography II
Description: Is a semester long course that hones skills in communicating meaning through photography. Students will work in a more conceptual manner to develop their own ideas, style and artistic voice while developing a portfolio. Students will be asked to make selected photographs at home and to keep a visual journal. Students will provide their own film and light sensitive paper which can be purchased in bulk for a discount. All art work created in this class becomes the property of the student. ***This is considered a Pre-AP Photo class.***

Course Name: Photography IV
Course Number: 50.714001 **Term:** Semester
Prerequisites: Introduction to Art, Photography I, Photography II, and Photography III

Description: Is an advanced semester long course that hones skills in communicating meaning through photography. Students will work in a more conceptual manner to develop their own ideas, style and artistic voice while developing a portfolio. Students will create a portfolio of prints in the form of a concentration. Students will be asked to make selected photographs at home and to keep a visual journal. Students will provide their own film and light sensitive paper which can be purchased in bulk for a discount. All art work created in this class becomes the property of the student. ***This is considered a Pre-AP Photo class.***

Course Name: Art History I
Course Number: 50.0911001 **Term:** Semester
Description: Art History I is the study of paintings, sculpture, architecture, and various minor art forms from the Paleolithic to the Late International Gothic eras. Aesthetics and art criticism will be incorporated into the course.

Course Name: Art History II
Course Number: 50.0912001 **Term:** Semester
Prerequisites: Art History I
Description: Art History II is the study of painting, sculpture, architecture, and various minor art forms from the Early Renaissance to Contemporary eras. Aesthetics and art criticism are incorporated into the course.

Course Name: AP Art History
Course Number: 50.0921000 **Term:** Year
Prerequisites: ***(Application Required)*** Art History I and Art History II
Description: The AP Art History course is equivalent to a two-semester introductory college course that explores topics such as the nature of art, art making, and responses to art. By investigating a specific image set of 250 works of art characterized by diverse artistic traditions from prehistory to the present, the course fosters in-depth, holistic understanding of the history of art from a global perspective. Students become active participants in the global art world, engaging with its forms and content, as they experience, research, discuss, read, and write about art, artists, art making, and responses to and interpretations of art.

Course Name: AP Studio Art
The AP Studio Art Program consists of three portfolios: 2-D Design, 3-D Design and Drawing corresponding to the most common college foundation courses. Students may choose to submit any or all of the Drawing, Two-Dimensional Design, or Three-Dimensional design portfolios.

Course Name	Course Number	Term
AP Drawing Portfolio	50.0811000	Year
AP Two-Dimensional Design Portfolio	50.0813000	Year
AP Three-Dimensional Design Portfolio	50.0814000	Year

Prerequisites ***(Application Required)*** At least three art classes, including Introduction to Art
Description: The AP Studio Art portfolios are designed for students who are seriously interested in the practical experience of art. Students submit portfolios for evaluation at the end of the school year. AP Studio Art students create a portfolio of work to demonstrate the artistic skills and ideas they have developed, refined, and applied over the course of the year to produce visual compositions. ***AP Studio Art is not based on a written examination. Instead, candidates submit a portfolio of work for evaluation in early May.***

THEATRE

Course Name: Acting I
Course Number: 52.0610000 **Term:** Year
Description: This is a year-long 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: Advanced Drama I (10^{th} – 12^{th} grade)
Course Number: 52.0510000 **Term:** Year
Prerequisites: Audition
Description: This year long course focuses on 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 be required to take part in productions generated by the class, including performance competitions outside of class. Students should be advised that rehearsals may be required after school hours as a part of this course.

Course Name: Advanced Drama II (10th – 12th grade)
Course Number: 52.0520000 **Term:** Year
Prerequisites: Advanced Drama I
Description: This year long course is an intermediate 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 be required to take part in productions generated by the class, including performance competitions outside of class. Students should be advised that rehearsals and performances may be required after school hours as a part of this course.

Course Name: Advanced Drama III (11th – 12th grade)
Course Number: 52.05230000 **Term:** Year
Prerequisites: Advanced Drama II
This year long course is an intermediate 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 be required to take part in productions generated by the class, including performance competitions outside of class. Students should be advised that rehearsals and performances may be required after school hours as a part of this course.

Course Name: Technical Theatre I (9th – 12th grade)
Course Number: 52.0410000 **Term:** Year
Description: This course is an introduction to the design and production process for theater. Students will gain practical experience in lighting, sound, set construction, makeup, costuming, & stage management. This course will explore the fundamentals of play production, encompassing a range of activities from designing to constructing scenery for school productions. Students gain hands-on experience by providing technical support for school productions.

Course Name: Technical Theatre II – IV (10th – 12th grade)
Course Number: 52.0420000 (II), 52.0430000 (III) , 52.0440000(IV) **Term:** Year
Prerequisites: Technical Theater 1
Description: This course continues to advance the experience in lighting, sound, set construction, makeup, costuming, and stage management as well as exploring the fundamentals of play production, encompassing a range of activities from designing to constructing scenery for school productions. Students gain hands-on experience by providing technical support for school productions.

Course Name: Musical Theatre I (11th – 12th grade)
Course Number: 52.0310001 **Term:** Year
Prerequisites: Two years of theatre **OR** two years of chorus
Description: This is an introductory class that establishes basic principles used in the process and production of modern theatre. Students will be introduced to a wide variety of Musical Theatre elements including musicality, movement, vocalization, artistry, acting, puppetry, and staging. The student discovers storyline and characters that exist in musicals, plays, and original pieces of drama. The student develops an understanding of performance techniques required for various roles and styles needed for specific performances and will gain experience in the creative process through active individual and group involvement.

MUSIC

Course Name: Music Technology
Course Number: 53.0221000 **Term:** Year
Description: This course will introduce students to the concepts of music technology, and its use in current music production methods. Students will manipulate MIDI protocol, create multi-track compositions using sequencing software, and create song accompaniments. Music Technology students will also compose and arrange songs using notation software, analyze formal elements of music, and learn correct operational techniques for sound reinforcement systems.

Course Name: Beginning Guitar I
Course Number: 53.0841001 **Term:** Semester

Description: This is a beginning music course for students with little or no formal training on the guitar. Basic guitar techniques will be introduced to the students. Music fundamentals such as basic theory, notation, and rhythm will be covered. It will also covers performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music and appreciation of music.

Course Name: Beginning Guitar 2
Course Number: 53.0842001 **Term:** Semester
Prerequisites: Beginning Guitar 1
Description: This course builds upon the fundamentals learned in Guitar I such as basic theory, notation, and rhythm. The course covers performance and production, analysis and theoretical studies, historical and cultural contributions and influences, and creative aspects of music and appreciation of music. It will also covers performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music and appreciation of music.

Course Name: Beginning Keyboarding (Piano Lab I)
Course Number: 53.0941001 **Term:** Semester
Description: The course introduces basic piano keyboard techniques. It covers performance and production, analysis and theoretical studies, historical and cultural contributions and influences, and creative aspects of music and appreciation of music. An individualized setting will be provided. This semester course is for beginning piano students. Students work individually at their own pace on electronic keyboards with headphones.

Course Name: Beginning Keyboarding (Piano Lab II)
Course Number: 53.0942001 **Term:** Semester
Prerequisites: Beginning Keyboarding (Piano Lab I)
Description: The course builds upon the basic piano keyboard techniques learned in Piano Lab I. It covers performance and production, analysis and theoretical studies, historical and cultural contributions and influences, and creative aspects of music and appreciation of music.

Course Name: Intermediate (Mixed) Chorus
Course Number: 54.0221000 **Term:** Year
Prerequisites: At least one year of involvement in chorus (this includes middle and high school choruses)
Description: Provides intermediate-level performers opportunities to increase performance skills and knowledge in mixed choral singing. Covers performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music and appreciation of music. Students should be advised that rehearsals and performances may be required after school hours as a part of this course.

Course Name: Advanced Women's Chorus
Course Number: 54.0261000 **Term:** Year
Prerequisites: Audition
Description: Provides opportunities for advanced-level female performers to increase performance skills and knowledge in all-female choral singing. Covers performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music and appreciation of music. Organizes objectives for self-paced progress through all four levels. Stresses individual progress and group experiences. Students should be advised that rehearsals and performances may be required after school hours as a part of this course.

Course Name: Intermediate Band I, II, III, IV **Term:** Year
Course Number: 53.0371000 **(I)**, 53.0372000 **(II)**, 53.0373000 **(III)**, 53.0374000 **(IV)**
Prerequisites: Director Recommendation, placement is by audition only
Description: This yearlong course is similar to Advanced Band, but includes more complex rhythms, pitch discrimination through singing and playing, expression, and music vocabulary. Major wind band literature is studied and performed; advanced knowledge of instrumental technique and music vocabulary is a must. Course content expectations are high. Students should be advised that rehearsals and performances may be required after school hours as a part of this course.

Course Name: Advanced Band I, II, III, IV **Term:** Year
Course Number: 53.0381000 **(I)**, 53.0382000 **(II)**, 53.0383000 **(III)**, 53.0384000 **(IV)**
Prerequisites: Previous Director Recommendation, no audition required, **ALL incoming 9th grade Band students should enroll in this class; placement auditions will be taken into consideration.**
Description: This yearlong course develops an awareness of music literature through performance and listening. Explore techniques of playing instruments, note reading, simple rhythm, and pitch discrimination. Students should be advised that rehearsals and performances may be required after school hours as a part of

this course.

Course Name: Mastery Band I,II, III, IV **Term:** Year
Course Number: 53.0391000 **(I)**, 53.0392000 **(II)**, 53.0393000 **(III)**, 53.0394000 **(IV)**
Prerequisites: Director Recommendation, placement is by audition only
Description: This yearlong course is similar to Intermediate Band, but for the most advanced musicians; this is our top performance ensemble. Course requires very specific commitment to this ensemble. Major wind band literature is studied and performed; extensive knowledge of advanced instrumental technique and music vocabulary is a must. Students should be advised that rehearsals and performances may be required after school hours as a part of this course.

Course Name: Percussion I
Course Number: 53.0761000 **Term:** Year
Prerequisites: Director Recommendation; **ALL 9th grade percussion students should sign up for this class. This class meets as a separate class and is percussion only, no winds.**
Description: This course develops the basic techniques in solo and chamber percussion playing as well as concert band materials. Emphasis is placed on percussion techniques, composers, percussion literature, and performance etiquette. Students should be advised that rehearsals and performances may be required after school hours as a part of this course.

Course Name: Percussion II
Course Number: 53.0762000 **Term:** Year
Prerequisites: Director Recommendation, by audition
Description: This course is a continuation of Percussion I and develops the intermediate techniques in solo and chamber percussion playing as well as concert and wind band materials. Emphasis is placed on percussion techniques, composers, percussion literature, and performance etiquette. Students should be advised that rehearsals and performances may be required after school hours as a part of this course.

Course Name: Percussion III and IV
Course Number: 53.0763000 **(III)**, 53.0764000 **(IV)** **Term:** Year
Prerequisites: Director Recommendation, by audition
Description: This course teaches advanced percussion techniques and concepts through study of percussion études, solo and chamber music, concert and wind band, and symphony literature. Emphasis is placed on musicality, technique, current percussion literature, and preparation for college music study. Students should be advised that rehearsals and performances may be required after school hours as a part of this course.

Course Name: Beginning Orchestra I, II, III, IV **Term:** Year
Course Number: 53.0561000 **(I),** 53.0562000 **(II)**, 53.0563000 **(III)**, 53.0564000 **(IV)**
Prerequisites: Previous Director Recommendation, no audition required, **ALL incoming 9th grade Orchestra students should enroll in this class; placement auditions will be taken into consideration.**
Description: This course provides opportunities to develop performance skills and precision on orchestral stringed instruments. The course emphasizes performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music and appreciation of music. Organizes objectives for self-paced progress through all four levels. Stresses individual progress and ensemble experiences. Students should be advised that rehearsals and performances may be required after school hours as a part of this course.

Course Name: Intermediate Orchestra I, II, III, IV **Term:** Year
Course Number: 53.0371000 **(I)**, 53.0372000 **(II)**, 53.0373000 **(III)**, 53.0374000 **(IV)**
Prerequisites: Director Recommendation, placement is by audition only
Description: This course provides opportunities for intermediate-level performers to increase performance skills and precision on orchestral stringed instruments. This course covers performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music and appreciation of music. Organizes objectives for self-paced progress through all four levels. Stresses individual progress and group experiences. Students should be advised that rehearsals and performances may be required after school hours as a part of this course.

Course Name: Advanced Orchestra I, II, III, IV **Term:** Year
Course Number: 53.0581000 **(I)**, 53.0582000 **(II)**, 53.0583000 **(III)**, 53.0584000 **(IV)**
Prerequisites: Director Recommendation, placement is by audition only
Description: This course provides opportunities for advanced-level performers to increase performance skills and precision on orchestral stringed instruments. It covers performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music and

appreciation of music. The objectives of the course for self-paced progress are organized through all four levels. It stresses individual progress and group experiences. Students should be advised that rehearsals and performances may be required after school hours as a part of this course.

Course Name: Mastery Orchestra I, II, III, IV **Term:** Year
Course Number: 53.0591000 **(I)**, 53.0592000 **(II)**, 53.0593000 **(III)**, 53.0594000 **(IV)**
Prerequisites: Director Recommendation, placement is by audition only
Description: This course provides opportunities for mastery-level performers to increase performance skills and precision on orchestral stringed instruments. The course covers performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music and appreciation of music. Organizes objectives for self-paced progress through all four levels. Stresses individual progress and group experiences. Students should be advised that rehearsals and performances may be required after school hours as a part of this course.

Course Name: AP Music Theory
Course Number: 53.0230010 **Term:** Year
Prerequisites: ***(Application Required)***
Description: The AP Music Theory course corresponds to two semesters of a typical introductory college music theory course that covers topics such as musicianship, theory, musical materials, and procedures. Musicianship skills including dictation and other listening skills, sight-singing, and keyboard harmony are considered an important part of the course. Through the course, students develop the ability to recognize, understand, and describe basic materials and processes of music that are heard or presented in a score. Development of aural skills is a primary objective. Performance is also part of the learning process. Students understand basic concepts and terminology by listening to and performing a wide variety of music. Notational skills, speed, and fluency with basic materials are emphasized.

HEALTH AND PHYSICAL EDUCATION

Course Name: General Health
Course Number: 17.0110001 **Term:** Semester
Prerequisites: This course is recommended for all rising 9th graders, but can be taken at other grade levels.
Description: This course introduces personal health, wellness concepts; human sexuality/sex education; State ADAP requirements; CPR Training; First Aid Procedures; safety practices, responsibility for health decisions, decision-making skills, mental health, emotions, stress, nutrition, and alcohol, drug and tobacco use/abuse. 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 Name: Personal Fitness*
Course Number: 36.0510001 **Term:** Semester
Prerequisites: This course is recommended for all rising 9th graders, but can be taken at other grade levels.
Description: This course topics and activities include personal fitness program, stress management, fitness games, nutrition, and weight training. A variety of cardiovascular fitness activities will be implemented to encourage each student to work within their Target Heart Rate Zone. Weight lifting and flexibility exercises are included in this course. A personal workout plan is designed and implemented in the course. Graduation Requirement.
Some students who meet certain criteria may have the option to waive out of this course required by the Georgia Department of Education. See Coach Kirk (H75), Colonel Nepute (B11) or Mr. Reid (F46) for more information.

Course Name: General Physical Education
Course Number: 36.0110001 **Term:** Semester
Description: This course introduces the rules, skills and strategy of flag football, basketball, volleyball, team handball, Frisbee games, tennis, soccer, softball, and table tennis. Team and tournament play is emphasized.

Course Name: Recreational Games
Course Number: 36.0270001 **Term:** Semester
Description: This course 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
Course Number: 36.0520001 **Term:** Semester
Description: In this course, students work on total body strength and fitness. The student 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: Outdoor Education
Course Number: 36.0250001 **Term:** Semester
Description: This course introduces outdoor safety/survival, archery, outdoor cooking, team and individual sporting activities including: soccer, ultimate Frisbee, volleyball, and table tennis.

Course Name: Body Sculpting
Course Number: 36.0550001 **Term:** Semester
Description: This course is design for students to learn how to eat and cook healthy foods by understanding how to read food labels and developing healthy menus. Students will also learn the benefits of exercise, maintaining a healthy weight, and incorporating fitness related activities into a daily routine.

Course Name: Athletic Training
Course Number: 36.0150001 **Term:** Semester
Description: This course is designed to introduce students to the profession of athletic training and sports medicine; including history, function, career opportunities and professional standards of athletic training.

PEER FACILITATION AND MENTORSHIP ELECTIVES

These are elective courses reserved for seniors who have met the graduation requirements.

Course Name: Peer Facilitation (Teacher Aide) **Term:** Semester
Course Number: 35.0410001 Available to seniors during the fall semester
Course Number: 35.0410002 Available to seniors during the spring semester
Prerequisites: Seniors only; application; excellent attendance and discipline required.
Description: Students provide assistance to selected teachers in their classrooms and must be able to interact with students and adults in a variety of settings.

Course Name: Peer Leadership (SWAT Peer Tutors) **Term:** Semester
Course Number: 45.0590001 Available to seniors during the fall semester
Course Number: 45.0590002 Available to seniors during the spring semester
Prerequisites: Seniors only; excellent attendance and discipline required.
Description: Students in this course are elected school leaders who work towards implementing school wide student initiatives. The current initiative is a peer tutoring program call SWAT (Seniors Working And Tutoring). During lunch, seniors provide one-to-one tutoring to students in various academic areas.

Course Name: Mentorship (Office Aide) **Term:** Semester
Course Number: 70.0110001 Available to seniors during the fall semester
Course Number: 70.0110002 Available to seniors during the spring semester
Prerequisites: Seniors only; excellent attendance and discipline required.
Description: Students assist in the school offices and Learning Commons and must be able to interact with students and adults in a variety of settings.

INTERRELATED RESOURCES (IRR)

Course Name: Study Skills 1, 2, 3, 4
Course Number: 35.8610080, 35.8620080, 35.8630080, 35.8640080 **Term:** Year
Prerequisites: *Currently enrolled in TT or GE classes*
Description: Study Skills is available to 9th – 12th grade students served through an IEP in the IRR Program; students earn elective credit. The Study Skills class provides focused instruction on time management, organization, and test-taking skills through research-based strategies. Students will develop an understanding of how to improve study habits based on their own learning modalities. During the second half of every class period, students will be able to complete assignments from other classes with teacher support. Study Skills is recommended for students enrolled in mostly Team-Taught or General Education classes requiring additional support in the resource setting.

Centennial High School

Main Office: 770-650-4230
General Fax: 770-650-4250

More information is available at
http://school.fultonschools.org/hs/centennial
www.mycentennialcounseling.com

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