

2016-2017

Academic Planning

Guide

Walton High School

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Academic Program

Walton High School operates on a two-semester system with each semester being approximately 18 weeks long. Credit is established in units; each course meets every day for approximately 50 minutes and carries one-half unit of credit upon successful completion. It is possible to earn three units of credit per semester, or a total of six units per year if all classes are successfully completed. During the 4 years (8 semesters) of high school, students may earn a total of 24 units of credit. Students may earn additional credit by taking a paid morning tuition class. Classes are offered based on minimum enrollment to support the program. Walton will accept one additional credit from tuition based Cobb Virtual Academy and Georgia Virtual School. These are completely independent of Walton High School and all academic responsibility is between the family and that school.

The variety of course offerings in each department will give you the necessary prerequisites for your future activities, whether they include college, technical school, or work. Some courses have prerequisites. A prerequisite is a course that you must take before you take another course. Some courses are sequential and must be taken in order. World Language and Mathematics are courses that are sequential in nature. Please begin thinking and planning your future goals early in high school so that you will be well prepared upon graduation. Students in the Class of 2015 and beyond must pass the course in which a Georgia Milestones End Of Course Assessment is given and comprises 20% of the overall grade, as well as all necessary courses for graduation.

Advisement Program

The focus and intent of advisement is to create a communication bond between the school, student and parents. It is an organized method for developing, with the input of three parties, an academic plan for students. Ninth grade students will receive advisement in the spring to complete a four year plan. Eleventh grade students will receive advisement in the fall to assess progress towards graduation and post-secondary goals. Scheduled meeting times for students/advisors will be planned during the regular school day. The student's advisor is the homeroom teacher and he/she will help students with academic planning. In most cases the students will have the same advisor each year.

Eligibility for Athletics

The Georgia High School Athletic Association requires the following accumulation of Carnegie units towards graduation according to the following criteria:

1. First-year students are eligible first semester. They must earn 2.5 units the first semester in order to be eligible for the spring semester.
2. Second-year students must have accumulated 5 total units in the first year, and have earned 2.5 units the previous semester.
3. Third-year students must have accumulated 11 total units in both years, and have earned 2.5 units the previous semester.
4. Fourth-year students must have accumulated 17 total units in all three years, and have earned 2.5 units the previous semester.

Grades/Grading Scale

The Cobb County School District has set the following grading scale:

A= 90-100 B=80-89 C=74-79 D=70-73 F= Below a 70

A student's grade point average is based on quality points awarded for each grade earned. All regular courses earn the following:

A= 4 quality points B= 3 quality points C= 2 quality points D= 1 quality point F= 0 quality points

Honors courses **above the freshman level** receive an extra .5 quality point. Honors courses are designated in the course section of the booklet with two asterisks. Advanced Placement courses are awarded an extra 1 quality point. These courses are designated with three asterisks. No extra quality points are earned if the student fails the course. Students are recommended by their current teachers for honors and Advanced Placement courses based on the student's performance in their current course. Placement is based on criteria set by each academic department.

∞ Graduation Requirements ∞

Graduation Requirements for Class of 2012 and beyond

The State Board of Education has one common set of high school graduation requirements, which were new for students enrolling in the ninth grade for the first time in the 2008-2009 school year and subsequent years (Class of 2012 and all students beginning high school after this class). Fulfillment of these graduation requirements will earn a student a high school diploma. Georgia’s Board of Regents establishes the admissions requirements for Georgia’s colleges and universities. Students should check the admission requirements of the college they wish to attend. Students in the Class of 2015 and beyond must pass the course in which an End Of Course Test is given which comprises 20% of the overall grade.

Starting with the Class of 2017, each student needs to complete either an Academic, Fine Arts, CTAE or World Languages pathway. Students will be asked to designate a primary and secondary pathway during eighth grade registration so that progress can be monitored throughout high school.

Students who successfully complete high school courses in Middle School will earn credit towards graduation requirements. The student’s final grade will be recorded on the high school transcript but will not be included in the GPA.

Subjects	Diploma
English	4 units of English Language Arts required for all students including 1 unit of 9th Literature/Composition and 1 unit of American Literature
Mathematics	4 units of Mathematics required for all students
Science	4 units of Science required for all students, to include 1 unit of Biology, 1 unit of Physical Science or Physics, 1 unit of Chemistry, Earth Systems, Environmental Science, or an AP Science, and 1 additional unit of science
Social Studies	3 units of Social Studies required for all students, to include 1 unit of World History, 1 unit of United States History, 1/2 unit of American Government, and 1/2 unit of Economics
Health & Physical Education	1 unit of Health and Personal Fitness are required for all students
Career Technical Education and/or Modern Language/Latin and/or Fine Arts	A total of 3 units are required from Career Technical Education, Modern Language, Latin and/or Fine Arts. <i>Students planning to enter or transfer into a University System of Georgia institution or other post-secondary institution must take 2 units of the same modern language or Latin.</i>
Electives	4 additional elective units for all students
Total Units Minimum	23 units

Pathway Completions

Starting with the Class of 2017, each student is encouraged to complete either an Advanced Academic, Fine Arts, CTAE or World Languages pathway.

Advanced Academic Pathways: An Advanced Academic Pathway may be followed in any of the following content areas: English, mathematics, science or social studies. Students complete an Advanced Academic Pathway when they have completed the required courses for graduation and one of the courses listed in the student's course history is either AP, IB or dual enrollment. Additionally, students must earn credits in two sequential courses in one world language.

Fine Arts Pathway: Students complete a Fine Arts Pathway when they have completed three courses in either Visual Arts, Band, Chorus, Orchestra, Journalism/Yearbook or Journalism/News magazine.

World Language Pathway: Students complete a World Language Pathway when they have completed three courses in the same World Language

CTAE Pathway: Students complete a CTAE Pathway when they complete a series of three or four specific courses in CTAE-approved pathway. Walton High School offers complete pathways in the following areas:

Financial Marketing Services Career Pathway, Computing Career Pathway, Therapeutic Services-Physical Medicine Career Pathway, Graphic Design Career Pathway, Broadcast/Video Production Career Pathway, and Engineering and Technology Concentration Pathway. Students may complete the JROTC Air Force Career Pathway by taking courses at Wheeler High School. Those interested in this pathway can contact the school counseling department.

Guidance Opportunities

School Counselors are available to meet with students regarding academic, personal/social or career development needs. Students should make appointments to see a school counselor either before school, after school or during their lunch periods. To see a counselor during a class period, students should request permission from their teacher and obtain a hall pass.

Honor Rolls

Students who earn a semester GPA of 3.5 or higher and have no grades lower than a 74 will be placed on the Honor Roll. Students who earn a semester GPA of 4.0 or higher and have no grades lower than an 80 will be placed on the Principal's Honor Roll. All students with a 4.0 or greater in a semester will receive a 4.0 pass that allows them special access to non-playoff sporting events and special performances at no charge. Students who earn a 4.0 or higher for an entire academic school year will be awarded an Academic Letter. Students who do so in a subsequent year will be awarded an Academic Bar.

Promotion and Retention

Per Cobb County School Board Policy IKE, students shall be on track to advance with the graduating class they enter as a ninth grader. For students who enter high school as a ninth grader in the 2008-2009 or subsequent school years, the following minimum requirements must be met in order to advance to the next grade level.

10th grade: 5 units, including one full credit in English, math and science

11th grade: 10 units, including two full credits in English, math and science

12th grade: 16 units

Transcripts

A student who wants a copy of her/his transcript sent to a college or prospective employer must sign a request for the transcript to be released. This request is kept on file in the school counseling office. Transcripts are released for a charge of \$2.00 each.

Course Selection Specifics

We try to make the registration process as smooth as possible at Walton High School. One way we do this is by building the MASTER SCHEDULE for both teachers and students only after we have received all student requests for courses during registration. The MASTER SCHEDULE, therefore, is determined by the student registration and provides the maximum accommodation for the courses desired by Walton students, with a minimum of schedule conflicts.

Since the MASTER SCHEDULE is based entirely upon initial student registration, it is essential that students remain in the courses for which they have registered, unless it is determined that the academic placement is inappropriate. Students register for the ENTIRE NEXT SCHOOL YEAR at one time during the March registration period. However, during the fall semester, students will have an opportunity to drop/add **one semester elective courses** for the upcoming spring semester. Year long courses may not be dropped at the end of first semester.

The following information should be helpful in having a successful registration.

1. For all CORE classes (English, Math, Social Studies, Science and World Language), the current teacher will make recommendations for the level of curriculum the student should take next year. While each teacher will make a recommendation based on the specific core area, it is important to consider the overall course load. If the student and/ or parent disagrees with the teacher's recommendation, or has concerns about the academic challenge, you may complete a WAIVER to request a different placement. PLEASE NOTE:
 - Waivers are binding for one complete semester. Once the waiver has been submitted and approved, the class cannot be changed again during that semester.
 - Waivers are due to the school by May 1st and will not be accepted after that date unless the teacher recommendation has changed. All waivers must be submitted to the school counseling office.
2. For ELECTIVE classes, students will complete registration during their lunch periods. Tables for registration signatures and/or questions will be located between the commons and the media center.
3. Registration for year-long courses (classes with an A and B semester) in an ACADEMIC area may not be dropped at the end of the first semester.
4. We do not honor teacher-preference requests during scheduling. All 2600+ students have preferences, and it would be impossible to honor the requests of all students.
5. Seniors may not request Minimum Day once the semester has started. Seniors must request minimum day either during registration or during the drop/add time frame for second semester. All minimum day forms for fall must be turned in by May 1st of the junior year. Students registered for minimum day normally leave school the last period of the day. If a student's lunch period can be scheduled for the period prior to the last period, the student may be allowed to leave school two periods early, with parent permission; however, students should not assume that they can leave school two periods early, because scheduling may not permit all minimum day students this option. THERE IS NO GUARANTEE THAT A STUDENT WILL HAVE 6th PERIOD LUNCH.
7. Morning tuition school will be available if there is enough student interest. If you would like to take SEVEN classes rather than six, please pick up a Tuition form at the registration table and review it with your parents. The fee for the extra course is \$300 per semester. Cash or a check for this amount must accompany your registration and should be brought in person to the school counseling office so a receipt can be written. Students will be placed in any zero period course that his or her schedule allows.

8. Flex scheduling (attending zero through 6th period) is an option if there is availability in zero period classes. Students paying tuition will receive first priority. Students should pick up flex schedule forms from the registration table.
9. Registering for zero period, either flex or tuition, Dual Enrollment or teacher apprenticeship does not guarantee a parking space.
10. CHOOSE YOUR COURSES CAREFULLY. There are course descriptions for each course in this planning guide. In addition, there is an online Advanced Placement Booklet on the Walton webpage that will give more detailed information regarding the requirements and demands of specific AP classes. **It is not possible for you to try out a course to determine if it is right for you.** After the 10th day of the semester, any course dropped will receive a grade of “F” (average of “10”) as the grade on the official transcript.
11. AP Courses taken at Walton or through an approved online provider will only be given credit an AP designation if the AP exam is taken.

COURSE SELECTIONS ARE CHANGED FOR THE FOLLOWING REASONS ONLY:

- A. If you failed or have not had the prerequisite for the particular course
- B. If you are a senior and need a specific course to graduate
- C. If you have previously received credit for the course

Included in the list of Course Offerings is the grade level and course prerequisites. The following notations are used to denote additional weighting for grades earned in honors and Advanced Placement courses:

- ** denotes course which receives an additional .5 Quality point
- *** denotes course which receives an additional 1.0 Quality point

===== *GEORGIA MILESTONES EOC “Test-Out” Options* =====

Beginning in the 2013-2014 school year, students will have the option of Testing Out of a high school course by scoring at the “Exceeds” level on the state End Of Course Assessment (GEORGIA MILESTONES EOC) in any of the following courses: GSE Algebra, GSE Geometry, US History, Economics, Biology, Physical Science, 9th Literature and American Literature. A student **WILL** earn on-level credit if the test out is successful. Neither quality points nor honors level distinction will be available for course credit earned through Testing Out. Students who score at the “Exceeds” level **WILL** have the course and the GEORGIA MILESTONES EOC grade recorded on the transcript. The GEORGIA MILESTONES EOC grade **WILL NOT** be calculated into the student’s local high school GPA; however it **WILL** be counted in the calculation of HOPE GPA for the HOPE scholarship. The University System of Georgia and the Technical College System of Georgia **WILL** consider credits earned through “Testing Out.” Colleges and Universities outside of the state of Georgia **MAY OR MAY NOT** accept these credits. Students seeking NCAA eligibility should not utilize the “Test Out” option. The NCAA **WILL NOT** recognize the credits earned through “Testing Out.” Students will pay \$50 to register for the test which will be refunded if the “Exceeds” level is met. This optional testing will take place in March of each school year.

It is important to remember that these are minimum competency state tests and do not indicate that students have all the necessary skills to be successful in the subsequent course. Students are not allowed to repeat a course for which they have earned credit.

Course Offerings

Area of Study	Course No. Fall/Spring	Course Title	Grade level	Prerequisite
Career Education				
	7027/7028	Introduction Business & Tech A&B	9-12	
	7019/7020	Financial Literacy A&B	10-12	Intro Business & Tech
	7029/7030	Banking and Finance	11-12	Financial Literacy or Jr/Sr status
English				
	1030/1035	Ninth Lit/Comp 91 A&B Honors	9	Teacher Rec.
	1050/1051	ISA Ninth Lit/Comp 91 A&B Honors	9	Admission to the Inter. Spanish Academy
	1031/1036	Ninth Lit/Comp 92 A&B	9	
	1034/1039	Ninth Lit/Comp A&B ESOL	9	Identified ESOL & teacher rec.
	1120/1121	AP Language/World Lit A&B***	10	1 unit 9th lit & teacher rec.
	1130/1131	World Lit/Comp 101 A&B**	10	1 unit 9th lit & teacher rec.
	1132/1133	World Lit/Comp 102 A &B	10	.5 unit 9th lit.
	1134/1135	World Lit/Comp ELL A&B	10-11	.5 unit English credit
	1215/1219	American Lit/Comp 111 (LA) A&B**	11	1 unit AP Language/World Lit.
	1200/1205	American Lit/Comp 111 A&B**	11	1 unit of English & Teacher rec.
	1201/1206	American Lit/Comp 112 A&B	11	1 unit 9th lit, 1/2 unit World lit, & Teacher rec.
	1421/1422	AP Language/American Lit A&B***	11-12	1 unit 9th lit, 1/2 unit World lit., & Teacher rec.
	1300/1400	British Lit/Comp 121 A&B**	12	1 unit 9th lit, 1 unit American lit, & Teacher rec.
	1301/1401	British Lit/Comp 122 A&B	12	1 unit 9th lit, 1/2 unit World lit, & 1/2 unit American Lit
	1406/1407	AP Literature/Comp A&B***	12	1 unit each 9th lit, World lit, American Lit & Teacher Rec.
	1408/1409	ISA AP Literature/Comp A&B***	12	1 unit each 9th lit, World Lit, American lit & admission to the ISA
	1820/1821	Journalism/Yearbook A&B	9-12	(not an English credit)
	1887/1888	Journalism/Newsmagazine A&B	9-12	(not an English credit)
Fine Arts				
	6000	Visual Arts:Comprehensive	9-12	
	6002	Visual Arts: Drawing I	9-12	Vis Arts:Cmp.
	6003/6004	Visual Arts: Draw & Paint I A&B	10-12	Drawing I
	6006/6009	Vis Arts: Drawing II A&B	10-12	Draw & Paint I
	6022/6024	AP Visual Arts: Studio***	11-12	Teacher Rec.
	6604	Women's Concert Choir	9-12	Audition
	6610	Mannechor (Men)	9	Audition
	6606	Bel Canto (Women)	10-12	Audition
	6607	Camerata Singers (Women)	11-12	Audition
	6607	Camerata Singers (Men)	10-12	Audition
	6608	A Cappella (Mixed)	10-12	Audition
	6609	Select Women's Vocal Ensemble	10-12	Audition

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Area of Study	Course No. Fall/Spring	Course Title	Grade level	Prerequisite
	6801	Concert Band II	9-12	Audition
	6802	Concert Band I	9-12	Audition
	6803	Symphonic Band II	9-12	Audition
	6804	Symphonic Band I	9-12	Audition
	6502/6503	AP Music Theory A&B***	11-12	Teacher Rec.
	6806	Dorian Orchestra	9	Audition
	6812	Aeolian Orchestra	9	Audition
	6809	Ionian Orchestra	10-12	Audition
	6810	Locrian Orchestra	10-12	Audition
	6807	Sinfonia	9-12	Audition
	6808	Philharmonia	9-12	Audition
	6811	Chamber Orchestra	9-12	Audition
	6037/6038	Technical Theater	9-12	
Mathematics	2001/2002	GSE Algebra I A&B	9	Math 8 & teacher rec.
	2070/2071	Foundations of Algebra A&B	9	Teacher rec.
	2005/2006	GSE Algebra I 93A&B	9	Math 8 & teacher rec.
	2076/2077	Foundation of Algebra 93A&B	9	Concurrent w/GSE Alg 93(elective credit only)
	2009/2010	GSE Algebra I Enriched A&B	9	Enrich. Math 8 & teacher rec.
	2019/2020	GSE Geometry A&B	10	GSE Alg & teacher rec.
	2021/2022	GSE Geometry Support A&B	10	Concurrent w/GSE Geom & teacher rec. (elective credit only)
	2023/2024	GSE Geometry 93 A&B	10	GSE Alg 93 & teacher rec.
	2025/2026	GSE Geometry 93 Support A&B	10	Concur. w/GSEGeom93(elective credit only)
	2027/2028	GSE Honors Geometry A&B**	9-10	GSE Alg Enr. or GSE Alg & teacher rec.
	2037/2038	GSE Accel. Geom/Alg II**	9-10	Accel Alg & Geom & teacher rec.
	2039/2040	STEM GSE Acc Geom/Alg II**	9	Admission to AMS STEM Academy
	2041/2042	GSE Algebra II A&B	11	GSE Geom A&B or GSE Geom 93 & teacher rec.
	2043/2044	GSE Algebra II Support A&B	11	Teacher recommendation only & Concur. w/GSE AlgII (elective credit only)
	2045/2046	GSE Honors Algebra II A&B**	10-11	GSE Hon Geom or GSE Geom & teacher rec.
	2055/2056	GSE Accel Precalc AB A&B**	11-12	Accel. Geom/AlgII or Hon Alg II & teacher rec.
	2057/2058	GSE Accel Precalc BC A&B**	10-11	Accel Geom/AlgII or Hon AlgII & teacher rec
	2061/2062	GSE Precalculus A&B	12	AlgII & teacher rec
	2059/2060	STEM GSE Acc Precalc BC**	10	Admission to AMS STEM Academy
	2949/2950	STEM AP Calculus BC***	11	Admission to AMS STEM Academy
	2307/2308	AP Calculus AB A&B***	11-12	GSE Acc Precal.
	2310/2311	AP Calculus BC A&B***	11-12	Acc Precalc BC or AP Calc AB
	2340/2341	Multivariable Calculus A&B***	11-12	AP Calculus BC
	2320/2322	AP Statistics A&B***	11-12	GSE Hon Geom & teacher rec.
Physical Education	9000	Personal Fitness	10-12	
	9100	Health	9-12	
	9080/9081	Intro to Team Sports A&B	9-12	
	9070/9071	Intro to Outdoor Education A&B	10-12	
	9060/9061	Intro to Lifetime Sports A&B	9-12	
	9008/9009	Weight Training A&B	9	
	9010/9011	Advanced Weight Training A&B	10	Weight training
	9012/9013	Physical Conditioning	11	Adv Weight training
	9055/9056	Adv. Physical Conditioning A&B	12	Physical Conditioning

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Area of Study	Course No. Fall/Spring	Course Title	Grade level	Prerequisite
Science	3000/3005	Physics I 91 A&B Hon	9	Concurrent /GSE Alg Enr or Acc. & teacher rec.
	3010/3015	Physics I 92 A&B	9-10	GSE Alg or GSE Alg w/support
	3020/3025	Physical Science 93 A&B	9-10	Teacher rec.
	3100/3105	Biology 101 A&B Honors**	9-12	Teacher rec. & accelerated standing or Teacher rec & concurrent with Honors Geom.
	3110/3115	Biology 102 A&B	10-12	1 unit science
	3120/3125	Biology 103 A&B	10-12	1 unit science & teacher rec.
	3101/3106	STEM Biology 101 A&B Honors**	9	Admission to BMS STEM Academy
	3102/3103	STEM Biology 101 A&B Honors**	9	Admission to Eng STEM Academy
	3250/3255	Human Anat/Phys A&B Honors**	11-12	1 unit biology & teacher rec.
	3251/3252	Human Anat/Phys A&B	12	2 units of science
	3244/3245	Forensic Science A&B	11-12	2 units of science & teacher rec
	8500/8501	STEM Principles of Biomedical Science** 9		Admission to BMS STEM Academy
	8438/8439	STEM H Human Body Systems**	10	Admissions to BMS STEM Academy
	3320/3321	Earth Systems 112 A&B	11-12	1 unit biology & 1 unit of a physical science
	3322/3323	Earth Systems 113 A&B	11-12	1 unit of biology, 1 unit of a physical science & teacher rec
	3328/3329	Astronomy A&B	12	3 units of science
	3330/3335	Chemistry 112 A&B	11-12	2 units science & Concurrent with GSE Alg II (not support)
	3340/3345	Chemistry 111 A&B Honors **	10-12	2 units of science or accelerated standing concurrent with GSE Hon Alg II
	3351/3352	STEM H Chemistry A&B**	10	Admission to BMS STEM Academy
	3353/3354	STEM H Chemistry A&B**	11	Admission to Medicine STEM Academy
	3260/3261	Biotechnology A&B Honors**	11-12	1 unit of biology
	3360/3365	Physics 121 A&B Honors**	11-12	2 units of science & concurrent with GSE Precalc
	3370/3375	Physics 122 A&B	12	3 units of science
	3361/3366	STEM H Chemistry A&B**	10	Admission to Eng STEM Academy
	3410/3415	AP Biology A&B***	11-12	1 unit honors biology, 1 unit honors chemistry, & teacher rec.
	3411/3416	STEM AP Biology A&B***	12	Admission to AMS STEM Academy
	3450/3451	AP Environmental Science A&B***	11-12	1 unit biology, 1 unit chemistry, & teacher rec.
	3452/3453	AP Environmental Science A&B***	10	1 unit biology honors & 10th grade status
	3454/3455	STEM AP Environ Science A&B***	9	Admission to AMS STEM Academy
	3420/3421	AP Chemistry A&B***	11-12	1 unit honors chem & teacher rec.
	3422/3423	STEM AP Chemistry A&B***	10	Admissions to AMS STEM Academy
	3430/3435	AP Physics C-Mechanics A&B***	11-12	2 units science, Concurrent with calculus & teacher rec.
	3431/3436	STEM AP Physics C-Mechanics A&B***	11	Admission to AMS STEM Academy
	3440/3441	AP Physics C-Emag A&B***	12	3 units of science including 1 unit of physics, concurrent with calculus & teacher rec
	3462/3463	AP Physics I A&B***	11-12	2 units of science, concurrent with GSE Precalc Enriched or higher math & teacher rec.
	3468/3469	STEM AP Physics I A&B***	11	Admission to Eng STEM Academy
3464/3465	AP Physics II A&B***	12	Completion of AP Physics I & teacher rec	

Area of Study	Course No. Fall/Spring	Course Title	Grade level	Prerequisite
Social Studies				
	4011/4016	World Geography 92 A&B	9	
	4019/4020	AP Human Geography***	9	teacher rec.
	4320	American Government 101 Hon**	10	teacher rec.
	4321	American Government 102	10	
	4302(Fall only)	American Government 103	10	teacher rec.
	4323	AP Government/Politics US***	10	teacher rec
	4314(Spring only)	AP Government: Comparative***	10-12	AP Govt US
	7000	Principles of Economics Honors**	10	teacher rec.
	7001	Principles of Economics 102	10	
	7056(Spring only)	Principles of Economics 103	10	teacher rec
	7002	AP Microeconomics***	10	teacher rec.
	7058(Spring only)	AP Macroeconomics***	10-12	AP Microeconomics
	4317/4318	ISA AP Government and ISA AP Microeconomics***	10	Admission to ISA
	4200/4205	US History 111 A&B Honors**	11	teacher rec.
	4201/4206	US History 112 A&B	11	
	4202/4207	US History 113 A&B	11	teacher rec.
	4210/4211	AP US History A&B***	11	teacher rec.
	4226/4227	ISA AP US History A&B***	11	Admission to ISA
	4140/4141	World History 123 A&B	12	teacher rec.
	4142/4143	World History 122 A&B	12	
	4100/4103	World History 121 Honors A&B**	12	teacher rec.
	4120/4121	AP World History A&B***	12	teacher rec.
	4305	Current Issues	11-12	
	4306	Psychology	11-12	
	4307	Sociology	10-12	
	4110/4111	AP European History A&B***	10-12	teacher rec.
	4216/4217	AP Art History A&B ***	11-12	teacher rec.
	4430	AP Psychology***	12	
	4415	Ethnic Studies	10-12	

Area of Study	Course No. Fall/spring	Course Title	Grade level	Prerequisite
Technology Education				
	8260	Intro to Graphics and Design IA	9-12	
	8261	Intro to Graphics and Design IB	9-12	IG&D IA
	8262	Intro to Graphics and Design IIA	9-12	IG&D IB
	8265	Intro to Graphics and Design IIB	9-12	IG&D IIA
	8263	Intro to Graphics and Design IIIA	9-12	IG&D IIB
	8264	Intro to Graphics and Design IIIB	9-12	IG&D IIIA
	8266	Intro to Graphics and Design IVA	9-12	IG&D IIIB
	8267	Intro to Graphics and Design IVB	9-12	IG&D IVA
	8362/8363	AP Computer Science Principles	9-12	GSE Algebra
	8356/8357	AP Computer Science A&B***	10-12	Computer Science Principles or teacher rec.
	8382/8383	Honors Intro to Engineering Design A&B**	9-12	Concurrent with GSE Alg
	3452/3453	STEM Honors Engineering Design A&B**	9	Admission to ENG STEM Aca.
	8380/8381	Honors Principles of Engineering A&B**	9-12	Intro To Engineering Design & concurrent w/GSE Geom
	8374/8375	STEM Honors Prin of Engineering A&B**	10	Admission to ENG STEM Aca.
	8388/8389	Honors Digital Electronics A&B**	11-12	Principles of Engineering
	8432/8433	STEM Honors Digital Electronics A&B**	11	Admission to Eng STEM Aca.
	8390	Broadcast/Video Productions IA	9-12	
	8391	Broadcast/Video Productions IB	9-12	BVP IA
	8392	Broadcast/Video Productions IIA	9-12	BVP IB
	8395	Broadcast/Video Productions IIB	9-12	BVP IIA
	8394	Broadcast/Video Productions IIIA	9-12	BVP IIB
	8397	Broadcast/Video Productions IIIB	9-12	BVP IIIA
	8396	Broadcast/Video Productions IVA	9-12	BVP IIIB
	8399	Broadcast/Video Productions IVB	9-12	BVP IVA
	8401/8402	Intro. To Healthcare Science A&B	9-12	
	8414/8415	STEM Intro to Healthcare Science A&B**	10	Admission to MED STEM Aca.
	8409/8410	Essentials of Healthcare A&B	10-12	Intro to Healthcare Science
	8454/8455	STEM H Essentials of Healthcare A&B**	11	Admission to MED STEM Aca.
	8416/8417	Sports Medicine A&B	11-12	Essentials Healthcare Science
	8418/8419	Work-based learning Sports Medicine A&B	12	Sports Med

Academic Planning Guide

2016-2017

Area of Study	Course No. Fall/Spring	Course Title	Grade level	Prerequisite
AP Capstone				
	4600/4601	AP Seminar	11-12	AP Language highly encouraged
	4604/4605	AP Research	12	AP Seminar
Other Courses				
	9304	Study skills-Workplace IA	11	application required
	9305	Study skills-Workplace IB	11	application required
	9306	Study skills-Workplace IIA	12	application required
	9307	Study skills-Workplace IIB	12	application required
	9310	Teacher Apprenticeship	11-12	application required
	0017	Minimum day	12	application required
World Language				
	5000/5002	French I A&B	9-12	
	5004/5006	French II A&B	9-12	French I A&B
	5007/5008	French III A&B Honors **	10-12	French II A&B
	5009/5010	French IV A&B Honors ***	11-12	French III A&B
	5013/5014	AP French Language & Culture A&B***	12	French IV A&B
	5015/5017	Spanish I A&B	9-12	
	5019/5021	Spanish II A&B	9-12	Spanish I A&B
	5130/5131	ISA Spanish II A&B	9	Admission to ISA
	5022/5023	Spanish III A&B Honors**	10-12	Spanish II A&B
	5050/5051	Spanish III A&B Advanced**	10-12	Spanish II A&B Advanced
	5052/5053	ISA Spanish III A&B Advanced**	10	Admission to ISA
	5024/5025	Spanish IV A&B Honors ***	11-12	Spanish III A&B
	5026/5027	Spanish V A&B Honors***	11-12	Spanish IV A&B
	5028/5029	AP Spanish Language & Culture A&B***	11-12	Spanish IV A&B
	5056/5057	ISA AP Spanish Language & Culture A&B***	11	Admission to ISA
	5062/5063	AP Spanish Literature & Culture A&B***	12	AP Spanish Language
	5073/5074	ISA AP Spanish Literature & Culture A&B***	12	Admission to ISA
	5030/5032	Latin I A&B	9-12	
	5034/5036	Latin II A&B	9-12	Latin I A&B
	5037/5038	Latin III Honors A&B**	10-12	Latin II A&B
	5043/5044	AP Latin***	11-12	Latin III A&B
	5045/5046	Latin V A&B Honors***	12	AP Latin Vergil
	5110/5111	Chinese I A&B	9-12	
	5112/5113	Chinese II A&B	9-12	Chinese I A&B
	5114/5115	Chinese III Honors A&B**	9-12	Chinese II A&B
	5116/5117	Chinese IV Honors A&B***	9-12	Chinese III A&B
	5120/5121	AP Chinese Language & Culture A&B***	9-12	Chinese IV or native speaker

≈ Career Education ≈

For the Class of 2012 and beyond, a total of three units is required from Career Tech Ed., Modern Language, Latin, and/or Fine Arts.

Intro to Business & Tech A&B

For grades 9-12

This course is the first course in the **Financial Management Services Career Pathway**. This course provides an overview of business and technology skills required for today's business environment. 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.

Financial Literacy A&B

Prerequisite: Intro Business Technology

For grades 10-12

This is the second course in the **Financial Management Services Career Pathway**. In this course, students will learn about career decisions, money management, and consumer rights and responsibilities.

Banking and Investing A&B

Prerequisite: Financial Literacy or JR/SR status

For grades 11-12

This course is the third course in the **Financial Management Services Career Pathway**. Using project-based instruction, students are introduced to the basics of the banking system, bank operating procedures, negotiable instruments and the deposit and credit functions of banks. Methods used for measuring the financial performance of banks are analyzed. Current issues and future trends in banking are examined.

Students explore the major functions of bank employees by completing a flow-of-work simulation. Students formulate business and individual investment decisions by comparing and contrasting a variety of investment options. Students analyze annual reports, predict growth rates and chart trend lines.

Study Skills-Workplace I & II A&B

Prerequisite: Application required

For grades 11-12

This course, formerly called Mentorship, is for students who would like to assist in an administrative office and is designed to provide the students with skills required for successful performance in an administrative support position. This course will include training and work based experience in a school office environment.

Teacher Apprenticeship A&B

Prerequisites: Application required

For grades 11-12

This course provides an opportunity to mentor younger students in a public school setting, explore the teaching profession, and gain insight into the learning process and how people learn differently. Students with good attendance, average-to-above average grades, and satisfactory conduct will be accepted into the program.

≈ AP Capstone Courses ≈

In order to earn the AP Capstone Diploma, students must score a 3 or above on both the AP Seminar and AP Research exams as well as a 3 or above on 4 other AP Exams of their choosing.

AP Seminar

Prerequisites: AP English Language is highly encouraged

For grades 11-12

In AP Seminar students will engage with complex academic and real-world issues, examining them through multiple lenses and considering multiple viewpoints. The topics may change from year to year depending on student and teacher interests, global and civic issues, academic questions, and concepts from other AP courses. Students will evaluate multiple viewpoints through several of the following lenses: cultural and social, artistic and philosophical, political and historical, environmental, scientific, futuristic, and ethical. Through inquiry and investigation, students will develop their own perspectives on complex issues and topics while honing their critical and creative thinking skills. During the course, students will complete a team research project and presentation, an individual research project and presentation, and an end-of-course exam in which they will analyze, compare and synthesize arguments.

AP Research

Prerequisites: AP Seminar

For grade 12

AP Research allows students to deeply explore an academic topic, problem or issue of individual interest. Through this exploration, students design, plan and conduct a year-long research based investigation to address a research question. In the AP Research course, students further their skills acquired in the AP Seminar course by understanding research methodology; employing ethical research practices; and accessing, analyzing, and synthesizing information as they address a research question. Students explore their skill development, document their processes, and curate the artifacts of the development of their scholarly work in a portfolio. The course culminates in an academic paper of approximately 4000-5000 words (accompanied by a performance or exhibition of product where applicable) and a presentation with an oral defense.

English

All students must earn 4 units of English credit to satisfy graduation requirements. Each course is designed for increasing complexity so that students will build on their learning each year. All GSE standards are incorporated in the rigorous curriculum developed at Walton High School. The comprehensive Sadlier-Oxford vocabulary series is utilized to help students prepare for the PSAT and SAT. All students are required to complete summer readings and assignments.

Ninth Literature/Composition 91 A&B Honors**Prerequisites: Teacher recommendation****For grade 9**

This honors-level class prepares able and ambitious readers and writers for AP and/or honors level courses throughout high school English. Designed to emphasize critical thinking and analytical writing skills, the course includes the study of literature from various genres, writing assignments such as literary analyses, personal narrative, and persuasive essays, as well as advanced vocabulary and grammatical activities. Additionally, students are required to read a minimum of 8 parallel and/or teacher-directed longer pieces of literary merit over the course of the year (including summer reading). Students will take the state Georgia Milestones EOC at the end of the course.

Ninth Literature/Composition 92 A&B**For grade 9**

This college preparatory level course readies students for challenging English courses throughout high school and emphasizes critical thinking skills in particular. Students are expected to read literature from various genres, to write assignments such as literary analysis, personal narrative, and persuasive essays, as well as to complete college preparatory vocabulary and grammatical activities. Additionally, students must read a minimum of 7 parallel and teacher-directed longer pieces of literary merit over the course of a year (including summer reading). Students will take the state Georgia Milestones EOC at the end of the course.

Ninth Literature/Composition ESOL A&B**Prerequisites: Identified ESOL****For grade 9**

This course contains the same curricular objectives as Ninth Lit/Comp. Adaptation in presentation is made to accommodate the needs of ELL students. This course is designed for the college-bound students.

AP Language/ World Lit A&B*****Prerequisite: 1 unit of 9th Lit/Comp & teacher recommendation****For grade 10**

AP Language is designed for high-achieving students who are willing to read and write extensively. AP Language differs from AP Literature in its focus on prose writing, historical and contemporary, fiction and non-fiction. In addition, students are trained to understand a writer's choice in diction, syntax, and tone. Students are also asked to write in a wide variety of forms, including narrative, expository, and argumentative. Students also take on a variety of subjects ranging from personal experience to political analysis, from imaginative literature to popular culture.

World Literature/Composition 101 A&B Honors****Prerequisites: 1 unit of 9th Lit/Comp & Teacher recommendation****For grade 10**

This honors-level class prepares able and ambitious readers and writers for an AP or honors level track throughout high school English. Designed to emphasize critical thinking and analytical writing skills, the course covers literature from various genres, and students complete a variety of writing assignments and advanced vocabulary and grammatical activities. Additionally, students are required to read a minimum of 8 parallel and teacher-directed longer pieces of literary merit over the course of the year (including summer reading).

World Literature/Composition 102 A&B**Prerequisites: 1/2 unit of 9th lit/comp****For grade 10**

This is a college preparatory course which develops descriptive, narrative, expository, and persuasive writing skills, including grammar, mechanics, and usage. Students study a variety of authors and selections from world literature, including poetry, short stories, novels, drama, and mythology. Additionally, students are required to read a minimum of 7 parallel and teacher-directed longer pieces of literary merit over the course of the year (including summer reading).

World Literature/Composition ESOL A&B**Prerequisites: Identified ESOL & 1/2 unit of English credit****For grade 10**

This course contains the same curricular objectives for World Literature/Composition. Adaptation in presentation is made to accommodate the needs of ELL students. This course is designed for college bound students.

AP Language/American Literature A&B*****Prerequisite: 1 unit Ninth Lit , 1 unit World Lit & Teacher rec.****For grade 11**

The AP Language/American Literature course is designed to build upon the writing and analysis skills learned in Honors World Literature. The focus of the course is writing, historical and contemporary fiction, and non-fiction. Students are trained to understand writer's choices in diction, syntax, and tone and to write in a wide variety of forms, including narrative, expository, and argumentative subjects ranging from personal experience to political analysis, and from imaginative literature to popular culture. This course fulfills the graduation requirement for American literature, including the Georgia Milestones EOC.

American Literature 111 (LA) A&B Honors**

Prerequisite: AP Language/World Literature A&B

For grade 11

The Honors American Literature (LA) course is designed to build upon writing and analysis skills learned in AP Language, the prerequisite for the class. Designed to emphasize critical thinking and analytical writing skills, the course is a chronological study of American Literature. Students complete assignments such as a research paper, literary analysis, and argumentative essays, as well as advanced vocabulary and language activities. Students will take the state Georgia Milestones EOC at the end of the course.

American Literature 111 A&B Honors**

Prerequisite: 1 unit of English & teacher recommendation

For grade 11

This honors level class prepares able and ambitious readers and writers for continued study in AP and honors English classes. Designed to emphasize critical thinking and analytical writing skills, the course is a chronological study of American Literature. Students complete assignments such as a full-length research paper, literary analyses, and argumentative essays as well as advanced vocabulary and language activities. Additionally, students are required to read a minimum of 8 parallel and/or teacher-directed longer pieces of literary merit over the course of the year (including summer reading). Students will take the state Georgia Milestones EOC at the end of the course.

American Literature 112 A&B

Prerequisite: 1 unit of Ninth Lit/Comp & 1/2 unit World Lit/Comp &

For grade 11

This is a college preparatory course which covers American Literature chronologically. Students complete assignments such as a full-length research paper, literary analyses, and argumentative essays as well as vocabulary and grammatical activities. Additionally, students are required to read a minimum of 7 parallel and teacher-directed longer pieces of literary merit over the course of the year (including summer reading). Students will take the state Georgia Milestones EOC at the end of the course.

British Literature/Composition 121 A&B Honors**

Prerequisites: 1 unit 9th Lit/Com, 1 unit Am. lit., 1 additional unit of English & teacher rec.

For grade 12

This is an accelerated college preparatory course designed for the student who has a serious interest in interpreting literature. The course offers opportunities to improve reading, writing, speaking/listening, and critical thinking skills through the study of literary selections from British writers, and is organized chronologically. Students complete assignments such as a research paper, literary analyses, and argumentative essays and advanced vocabulary and grammatical activities. Additionally, students are required to read a minimum of 8 parallel and teacher-directed longer pieces of literary merit over the course of the year (including summer reading).

British Literature 122 A&B

Prerequisites: 1 unit 9th Lit, 1/2 unit World Lit, 1 unit American Lit.

For grade 12

This is a college preparatory course which readies students for challenging English courses throughout college and emphasizes critical thinking skills in particular. The course covers British literature chronologically, and students must complete writing assignments such as a full-length research paper on a literary topic, literary analyses and argumentative essays as well as vocabulary and grammatical activities. Additionally, students are required to read a minimum of 7 parallel and teacher-directed longer pieces over the course of the year (including summer reading).

AP Literature A&B***

Prerequisites: 1 unit 9th lit, 1 unit of Am Lit, 1 unit Eng Lit, and teacher rec.

For grade 12

AP Literature/Composition is a college level course that focuses on the reading and analysis of literary works, the writing of critical essays, independent learning, and extensive discussion. The course is a novel-based course along with an intensive study of poetry. Works studied will range from sixteenth century through contemporary literature. Composition is also a main focus in this class in conjunction with the understanding of style found in literature. This course conforms to the College Board recommendations; a syllabus has been approved and is on file with College Board.

Journalism/Newsmagazine

For grades 9-12

This course is designed for the college bound student interested in learning all facets of production for a newsmagazine. Students in this class will learn how to write journalistically as well as how to layout articles and pages on the computer. They must be deadline driven, work independently and show attention to detail. This course is an academic elective and does not satisfy English requirements for graduation.

Journalism/Yearbook

For grades 9-12

This is a yearlong class designed for college bound students interested in learning the principles of design, writing and photography necessary to produce the yearbook. Students enrolled in this class are expected to work independently and meet deadlines throughout the year. The class requires outside time for completion of spreads as well as pictures of events that occur throughout the year. This course is an academic elective and does not satisfy English requirements for graduation.

TRACK	Freshman	Sophomore	Junior	Senior
Honors/AP	9 th Lit/Comp 91 Honors Or 9th Lit/Comp 91 Honors-ISA	*AP Language/Comp (see below)	American Lit/Comp 111 (LA) Honors (C or lower = move to on-level Eng. Lit. 122)	AP English Lit/Comp
Honors	80 or below = possibility of moving to on-level 10 th World Lit. 102) 9th Lit/Comp 91 Honors (80 or below = possibility of moving to on-level World Lit 102)	10 th World Lit/Comp. 101 Honors (C or lower= move to on-level Am. Lit 112)	*AP Language/American Lit (see below) OR American Lit/Comp 111 Honors	British Lit/Comp 121 Honors Or AP English Literature/Comp
2-Level	9 th Lit/Comp 92 (A = possibility of moving to Honors World Lit./Comp. 101)	10 th World Lit/Comp 102	American Lit/Comp. 112	British Lit/Comp. 122
Small Group (based upon IEP)	9th Lit/Comp (SC)	World Lit/Comp(SC)	American Lit/Comp(SC)	British Lit/Comp(SC)
4 Units of English Required Must include:	<p>NOTES:</p> <ul style="list-style-type: none"> Students in Honors 9th grade Lit./Comp. have the possibility of taking AP Language in 10th grade OR 11th grade depending on their English grades. Students cannot take AP Language both sophomore and junior years. For each English class, there are a minimum of three parallel readings each semester. The research paper is written during the 2nd semester of American Lit. and 1st semester in English Lit. A research paper is also a component of AP English Language and Composition. 			
<ul style="list-style-type: none"> 1.0 unit of 9th Literature/Composition <p>and</p> <ul style="list-style-type: none"> 1.0 unit of American Lit/Comp or AP Lang/Amer. Lit 				

Fine Arts

Our Fine Arts department includes visual and performance groups. Students must audition in order to register for a performance group. For the Class of 2012 and beyond, a total of three units is required from Career Technical Ed, Modern Language, Latin and/or Fine Arts.

Visual Arts: Comprehensive**For grades 9-12**

This one semester class is open to any student with an interest in art and serves as the first semester in the **Visual Arts Pathway**. Introduces art history, criticism, aesthetic judgment, and studio production. Emphasizes the ability to understand and use elements and principals of design through a variety of media, processes, and visual resources, which may include pencil, charcoal, pastels, clay, and related media. Explores master artworks for historical and cultural significance.

Visual Arts: Drawing I**Prerequisite: Visual Arts Comprehensive****For grades 9-12**

This one-semester course, which is the second semester in the **Visual Arts Pathway**, explores a variety of drawing techniques and media with an emphasis on developing drawing skills. Examines solutions to drawing problems through student drawings and those of other artists. Develops critical analysis skills for responding to master drawings. Covers western and non-western cultures.

Visual Arts: Drawing & Painting I A&B**Prerequisite: Drawing I or VS Comp Y in 8th grade****For grades 10-12**

This course, which serves as the second year in the **Visual Arts Pathway**, introduces drawing and painting techniques and a variety of drawing and painting media. Emphasizes development of drawing and painting skills from observation and utilizes problem solving skills to achieve desired results. Stresses critical analysis of master paintings and drawings of different styles and historical periods.

Visual Arts: Drawing II A & B**Prerequisite: Draw& Paint****For grades 10-12**

This course, which serves as the third year in the **Visual Arts Pathway**, enhances skills developed in Drawing I and provides further exploration of drawing media. It reinforces basic drawing and critical analysis skills for responding to master drawings of different historical styles and periods. Examines solutions to drawing problems through student drawings and those of other artists.

AP Visual Arts: General A&B*****Prerequisite: Teacher Recommendation****For grades 11-12**

This year-long class is designed for serious art students who may pursue a career in the visual arts field. This class requires significant out of class time and commitment. A portfolio can be done in one of three areas: Drawing, 2D design or 3D design. Drawing, printmaking, painting, mixed media, ceramics, sculpture, and or photography are the major areas of study. Personal artistic style development is encouraged.

Women's Concert Choir/Women's Chorale**Prerequisite: Audition****For grades 9-12**

Women's Concert Choir and Chorale are vocal ensembles for all first year women in Walton Chorus. The two classes combine for performances. Women's Concert Choir performs four concerts a year and is evaluated at the Georgia Music Educators Association Performance Evaluations. These performances are extensions of chorus class and attendance is expected. Students are expected to purchase concert attire and parents are encouraged to be active members of the Chorus Booster Club. Singers develop higher level thinking skills as well as life skills through the choral arts. Emphasis is on vocal development, choral blend, and music reading. Women's Choir is a year long course.

Bel Canto**Prerequisite: Audition****For grades 10-12**

Bel Canto is an advanced women's chorus for females who have mastered the choral, vocal, music reading and rehearsal skills learned in Women's Concert Choir. Students in Bel Canto learn music independently with an emphasis on performing at a high level of choral artistry. Bel Canto performs four concerts a year and is evaluated at the Georgia Music Educators Association Performance Evaluation. These performances are extensions of chorus class and attendance is expected. Members of Bel Canto are eligible to participate in the Walton Tour Choir. Bel Canto is a year long course.

Camerata Singers**Prerequisite: Audition****For females grades 11-12 and males grades 10-12**

Intermediate mixed chorus (men and women). Students must enroll Fall and Spring semesters and are expected to purchase concert attire. Students in this choir continue to develop vocal, choral and music reading skills and demonstrate a commitment to the choral arts. This choir performs four concerts a year and is evaluated at the Georgia Music Educators Association Performance Evaluation. These performances are extensions of chorus class and attendance is expected. Camerata Singers strive for excellence, individual growth and individual responsibility, and teamwork. Members also perform as Walton Men's Ensemble, Walton's Varsity Women's Ensemble and Walton Varsity Choir. Camerata Singers is a year long course.

Mannerchor

Prerequisite: Audition

For grades males 9

Intermediate chorus for male students in ninth grade or new to Walton chorus. Mannerchor performs four concerts a year and is evaluated at the Georgia Music Educators Association Performance Evaluations. These performances are extensions of chorus class and attendance is expected. Students in Mannerchor also perform as part of the Walton Men's Ensemble and occasionally with Camerata Singers. Students are expected to purchase concert attire and parents are encouraged to be active members of the Chorus Booster Club. Singers develop higher level thinking skills as well as life skills through the choral arts. Emphasis is on vocal development, choral blend and music reading. Mannerchor is a year long course.

Select Women's Vocal Ensemble

Prerequisite: Audition

For grades 10-12

Advanced choral ensemble for female vocal students who demonstrate advanced proficiency in music reading, choral tone and rehearsal skills. Students in this choir are expected to practice independently outside class and encouraged to audition for All-State Chorus. Membership in Select Women's Ensemble requires additional time and commitment in rehearsals and performances. The purchase of concert attire as well as performances outside the school day are required. Auditions are held in May and students must participate in Walton Chorus for one year prior to auditioning. Select Women's Vocal Ensemble is a year long course.

A Cappella

Prerequisite: Audition

For grades 10-12

Walton's most advanced choral ensemble consisting of men and women who demonstrate advanced proficiency in music reading, choral tone and rehearsal skills. Membership in A Cappella requires additional time commitment in rehearsals and performances. A Cappella performs at GMEA Class A literature and represents Walton in school and community events. Auditions are held in May and students must participate in Walton Chorus for one year prior to auditioning. A Cappella is a year long course.

Concert Band II

Prerequisite: Audition

For grades 9-12

Band is a performance group for wind and percussion players. Students must have previous experience on a band instrument to enroll. Students must enroll Fall and Spring semesters. This class will emphasize individual and ensemble musicianship and performance skills. Students are expected to perform in evening concerts as an extension of this class. Marching band is an extracurricular extension of the Fall semester. Students in marching band are expected to attend rehearsals prior to the opening of school as well as numerous after-school rehearsals and performances during the semester. Concert Band II is a year long course.

Concert Band I

Prerequisite: Audition

For grades 9-12

Concert Band I enhances Level One skills and provides further opportunities for intermediate-level performers to develop reading techniques and increase performance skills on a wind or percussion instrument. Includes performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music, and appreciation of music. Stresses individualized progress and learning as well as ensemble experiences. Literature is performed on the Georgia Level III-IV difficulty. Concert Band I is a year long course.

Symphonic Band II

Prerequisite: Audition

For grades 9-12

This band provides opportunities for advanced-level performers to increase, develop and refine performance skills and precision on a wind or percussion instrument. Includes performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music and appreciation of music. Stresses individual progress and learning and ensemble experiences, strengthening music reading skills. Literature performed is Georgia Level IV-V difficulty. Some after-school rehearsals will be required during second semester. Symphonic Band II is a year long course.

Symphonic Band I

Prerequisite: Audition

For grades 9-12

This band provides opportunities for advanced-level performers to increase, develop and refine performance skills and precision on a wind or percussion instrument. Includes performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music and appreciation of music. Stresses individual progress and learning and ensemble experiences, strengthening music reading skills. Literature performed is Georgia Level V-VI difficulty. Some after-school rehearsals will be required during second semester. Symphonic Band I is a year long course.

Freshman Level Orchestras (Dorian & Aeolian)

Prerequisite: Audition

For grades 9

Freshman Level Orchestras are intermediate string ensembles for freshman who play violin, viola, cello or double bass. The techniques of string playing are stressed within the context of musical performance (Georgia Level III or IV music difficulty). Rehearsals are held during the curricular school day, with an occasional afternoon rehearsal before concerts. Performances are usually in the evening. Freshman Orchestras are year long courses.

Sinfonia

Prerequisite: Audition

For grades 9-12

Sinfonia is an advanced orchestra for violin, viola, cello and double bass students. Admission to this group is by audition only. Advanced techniques of string players are stressed within the context of music performance (Georgia Level IV or V music difficulty). Rehearsals are held during the curricular school day, with an occasional afternoon rehearsal before concerts. Performances are usually in the evening, Private lessons are recommended. Sinfonia is a year long course.

Serenade Level Orchestras (Ionian & Locrian)

Prerequisites: Audition

For grades 10-12

Serenade level orchestras are intermediate string ensembles for sophomore, junior or senior students who play violin, viola, cello, or double bass. The techniques of string playing are stressed within the context of music performance (Georgia Level III music difficulty). Rehearsals are held during the curricular school day, with an occasional afternoon rehearsal before concerts. Performances are usually in the evening. Serenade level orchestras are year long courses.

Philharmonia

Prerequisites: Audition

For grades 9-12

Philharmonia is an advanced orchestra for violin, viola, cello and double bass students. Admission to this group is by audition only. This award-winning group performs music with advanced techniques of string playing (Georgia Level VI music difficulty). Woodwind, brass and percussionists from the Symphonic Band I may join the strings to form a full orchestra. After school or evening rehearsals are required in addition to evening concerts. Private lessons are strongly recommended. Philharmonia is a year long course.

Chamber Orchestra

Prerequisite: Audition

For grades 9-12

Chamber Orchestra is Walton's most advanced orchestra. Admission to this group is by audition only. This award-winning group performs standard, professional, orchestral, string and chamber music at the highest level of difficulty. Woodwind, brass and percussion students from the Symphonic Band I may join the strings to form a full orchestra. After school or evening rehearsals are required in addition to evening concerts. Private lessons are recommended. Chamber Orchestra is a year long course.

AP Music Theory***

Prerequisites: Teacher recommendation

For grades 11-12

AP Music Theory conforms to College Board topics for the Advanced Placement Music Theory Examination. It covers terminology and notational skills, writing skills, visual analysis and aural skills, and stresses ear training and compositions practice. This class analyzes and composes music from the classical period so that students can analyze its influence on current music trends.

Technical Theater

For grades 9-12

This class introduces technical considerations of play production; covers set construction, scene painting, lighting and settings, make-up and costumes. The students will learn the basic principles of stage design and construction. The class serves as the prerequisite course for other technical courses. The class will also cover the technical aspects of running a sound board as well as programming and running a light board. This course is an academic elective and does not satisfy English requirements for graduation.

International Spanish Academy

The International Spanish Academy is a rigorous program of study for students who are learning Spanish as a foreign language. Students must apply in the Spring of the 8th grade year. Those accepted will take 4 years of Spanish as well as 4 honors or AP level content area courses that include a delivery component in Spanish.

ISA Spanish II A&B: Culture, Comparisons & Communication

Prerequisite: Admission to ISA, Spanish I and concurrent enrollment in 9th Lit Honors and AP Human Geography
For grade 9

The International Spanish Academy Level II course focuses on the rapid development of communicative competence in the target language and understanding and comparing the cultures of the Spanish speaking world. The major means of communication between the students and instructors will be in Spanish. The philosophy of the ISA program is that the students will use the language to learn it instead of learning the language to use it.

ISA Spanish III Advanced A&B: The Humanities-Art & History**

Prerequisites: ISA Spanish II & concurrent enrollment in ISA AP Government/ISA AP Microeconomics
Grade 10

The International Spanish Academy Spanish III Advanced course is an extremely accelerated course designed to complete the expectations of level III & IV in one year. The language skills and communicative competence will continue to rapidly develop through the study of the Humanities with a particular emphasis on Art and History of the Spanish speaking world.

ISA AP Spanish Language A&B***

Prerequisite: ISA Spanish III Adv & Admission to ISA
For grade 11

This course conforms to the College Board topics for the Advanced Placement Spanish Language Examination. It emphasizes the ability to comprehend formal and informal spoken Spanish, to acquire the vocabulary and grasp of structure to read newspapers, magazines and Hispanic literature to compose expository passages, and to speak accurately and fluently. The major means of communication is in the target language. This course will also maintain its commitment to and collaboration with the Ministry of Education of Spain as a course within Walton's International Spanish Academy.

ISA AP Spanish Literature A&B***

Prerequisite: ISA AP Spanish Language
For grade 12

This course conforms to College Board required authors and selected works for the Advanced Placement Spanish Literature Examination. It emphasizes the ability to understand a lecture in Spanish and discuss literary topics in Spanish, to read Hispanic literary texts in all genres, and to analyze criti-

cally the content of literary works, orally and in writing using appropriate terminology. This course will also maintain its commitment to and collaboration with the Ministry of Education of Spain as a course within Walton's International Spanish Academy.

ISA Ninth Literature/Composition 91 A&B Honors

Prerequisites: Admission to ISA program & Spanish I credit

For grade 9

This honors-level course prepares able and ambitious readers and writers for AP and honors English classes throughout high school. Designed to emphasize critical thinking and analytical writing skills, the course covers literature from various genres, writing assignments such as literary analyses, personal narrative, and persuasive essays. Additionally, students study advanced vocabulary and grammar and read a minimum of 10 parallel and teacher directed longer pieces of literary merit over the course of the school year (including summer readings). This class includes a Spanish language component and collaborates with the Spanish II International Spanish Academy class. Students will take the state GEORGIA MILESTONES EOC at the end of the course.

ISA AP Government***

Prerequisite: ISA Ninth grade courses

For grade 10

This course conforms to the College Board topics for the Advanced Placement Government Examination. The AP Government program is a heavily case study based analysis of our political system equivalent to most introductory level college courses in political science. Topics covered include federalism, separation of powers, influences on the formulation and adoption of the Constitution, political beliefs, political parties and elections, interest groups, institutions and policy processes, and civil liberties and civil rights. This course will be taught in both English and Spanish. It will maintain its commitment to the Ministry of Education of Spain as a course within the International Spanish Academy.

ISA AP Microeconomics***

Prerequisite: Ninth grade ISA courses

For grade 10

AP Microeconomics is a college level course that adheres to the College Board topics for Microeconomics. Content is primarily focused on basic economic concepts, technical analysis of business costs and production, competition, market dynamics, economic measurement, and government policies. Students should be well versed in mathematical concepts and graphical analysis. This course fulfills the graduation requirement for economics. Students will take the state required GEORGIA MILESTONES EOC at the end of the course and they will take the AP Microeconomics Examination in May. This course will be taught in both English and Spanish. It will maintain its commitment to the Ministry of Education of Spain as a course within the International Spanish Academy.

ISA AP Literature A&B***

Prerequisites: 1 unit 9th lit, 1 unit of Am Lit, 1 unit Eng Lit, all ISA Spanish courses and teacher rec.

For grade 12

AP Literature/Composition is a college level course that focuses on the reading and analysis of literary works, the writing of critical essays, independent learning, and extensive discussion. The course is a novel-based course along with an intensive study of poetry. Works studied will range from sixteenth century through contemporary literature. Composition is also a main focus in this class in conjunction with the understanding of style found in literature. This course conforms to the College Board recommendations; a syllabus has been approved and is on file with College Board. This class is the final content course of the ISA and will be conducted in both English and Spanish.

ISA AP United States History A&B***

Prerequisite: ISA AP Govt/Microecon & ISA Spanish III

For grade 11

This course conforms to the College Board topics for the Advanced Placement United States History Examination. It covers discovery and settlement, colonial society, the American revolution, Constitution and New Republic, Age of Jefferson, Nationalism, Sectionalism, Territorial Expansion, Civil War, Reconstruction, Industrialization, progressive Era, World War I, Depression, New Deal, World War II, The Cold War through modern times. Students will take the state GEORGIA MILESTONES EOC at the end of the course. This course will be taught primarily in Spanish.

9th grade	10th grade	11th grade	12th grade
ISA Spanish II A&B Culture, Comparisons and Communication	ISA Spanish III Advanced A&B: The Humanities/Art and History	ISA AP Spanish Language A&B	ISA AP Spanish Literature A&B
ISA Ninth Grade Literature/Composition 91 Honors A & B	ISA AP Government & ISA AP Microeconomics	ISA AP US History A&B	ISA AP English Literature A&B

↻ Mathematics ↻

For the Class of 2012 and beyond, four units of Mathematics study is required. All students in non-AP level math courses will have a summer assignment that must be completed by the first day of school. A graphing calculator (TI-84) is required for ALL math classes. There are a limited number available for student check out but it will be advantageous to purchase for student use.

GSE Algebra I A & B**Prerequisite: Math 8 & teacher recommendation****For grade 9**

This is the first course in a sequence of courses designed to provide students with a rigorous program of study in mathematics. It includes radical, polynomial and rational expressions, basic functions and their graphs, simple equations, complex numbers; quadratic and piecewise functions, sample statistics, and curve fitting. It requires students to:

- Explore functions;
- Solve equations and operate with radical, polynomial and rational expressions;
- Investigate piecewise and quadratic functions, using numerical, analytical, and graphical approaches, focusing on the use of these functions in problem-solving situations;
- Use counting techniques and determine probability;
- Demonstrate understanding of data analysis by posing questions to be answered by collecting data; and
- Organize, represent, investigate, interpret, and make inferences from data. They will use regression to analyze data and to make inferences.

Students will take the state Georgia Milestones EOC at the end of the course.

Foundations of Algebra**Prerequisite: Concurrent enrollment in GSE Alg A&B****For grade 9**

Foundation of Algebra is a first year high school mathematics course option for students who have completed mathematics in grades 6-8 yet will need substantial support to bolster success in high school mathematics. The course is aimed at students who have reported low standardized test performance in prior grades and/or have demonstrated significant difficulties in previous mathematics classes.

Foundations of Algebra will provide many opportunities to revisit and expand the understanding of foundational algebra concepts, will employ diagnostic means to offer focused interventions, and will incorporate varied instructional strategies to prepare students for required high school mathematics courses. The course will emphasize both algebra and numeracy in a variety of context including number sense, proportional reasoning, quantitative reasoning with functions and solving equations and inequalities.

GSE Algebra I 93 A&B**Prerequisite: Math 8, teacher rec. & concurrent enrollment in Foundations of Alg 93 A&B****For grade 9**

This course includes the same topics of study included in GSE Algebra but places more emphasis on basic fundamental processes and practice. This course will place more emphasis on basic problem solving and

mathematical concepts. Students will take the state Georgia Milestones EOC at the end of the course.

Foundations of Algebra 93 A&B**Prerequisite: concurrent enrollment in GSE Algebra 93 A&B****For grade 9**

Please see Foundations of Algebra.

GSE Algebra I Enriched A&B**Prerequisite: Math 8 Enriched & teacher recommendation****For grade 9**

This course includes the same topics of study included in GSE Algebra but places more emphasis on formal processes and rigor. This course will place more emphasis on critical thinking and analysis of mathematical concepts. Students will take the state Georgia Milestones EOC at the end of the course.

GSE Geometry A&B**Prerequisite: GSE Coordinate Algebra****For grade 10**

This is the second in a sequence of courses designed to provide students with a rigorous program of study in mathematics. It includes fundamentals of proof, properties of polygons, right triangles, right triangle trigonometry, properties of circles, probability and quadratic functions. It requires students to:

- Work with rational, irrational and complex numbers
- Perform operations on polynomials
- Solve equations and inequalities including systems
- Construct and compare mathematical models of linear, quadratic and exponential functions
- Prove geometric theorems
- Make geometric constructions
- Understand similarity and congruence
- Apply trigonometric ratios to right triangles
- Investigate circles including chords, arc length and area of sector
- Summarize, represent and interpret data on two categorical and quantitative variables
- Understand independence and conditional probability

Students will take the state Georgia Milestones EOC at the end of the course.

GSE Geometry Support A&B

Prerequisite: concurrent enrollment in GSE Analytic Geometry
For grade 10

The purpose of the Math Support class is to address the needs of students who have traditionally struggled in mathematics by providing the additional time and attention they need in order to successfully complete their regular grade-level mathematics course. Mathematics Support is an elective class that should be taught concurrently with a student's regular GSE Geometry course. This course is an academic elective credit only and does not fulfill the mathematics requirements for graduation.

GSE Geometry 93 A&B

Prerequisite: GSE Coord. Alg 93, teacher recommendation & concurrent enrollment in GSE Analytic Geom Support 93
For grade 10

This course includes the same topics of study included in GSE Geometry but places more emphasis on basic fundamental processes and practice. This course will place more emphasis on basic problem solving and mathematical concepts. Students will take the state Georgia Milestones EOC at the end of the course.

GSE Geometry 93 Support A&B

Prerequisite: Concurrent enrollment in GSE Analytic Geom 93
For grade 10

The purpose of the Math Support class is to address the needs of students who have traditionally struggled in mathematics by providing the additional time and attention they need in order to successfully complete their regular grade-level mathematics course. Mathematics Support is an elective class that should be taught concurrently with a student's regular GSE Geometry 93 course. This course is an academic elective credit only and does not fulfill the mathematics requirements for graduation.

GSE Honors Geometry A&B**

Prerequisite: GSE Coord. Algebra Enriched & Teacher recommendation
For grade 10

This course includes the same topics of study included in GSE Analytic Geometry but places more emphasis on formal processes and rigor. This course will place more emphasis on critical thinking and analysis of mathematical concepts. Students will take the state Georgia Milestones EOC at the end of the course.

GSE Accelerated Geometry/Algebra II A&B**

Prerequisite: GSE Accelerated Alg/Geom & Teacher rec
For grade 9-10

This is the second in the sequence of courses designed to ensure that students are prepared to take higher-level mathematics courses during their high school career, including AP Calculus AB, AP Calculus BC, and AP Statistics. It requires students to:

- Work with rational, irrational and complex numbers
- Expand knowledge of functions to include polynomial, rational and radical
- Develop quadratic expressions, equations and functions
- Compare quadratics to linear and exponential relationships and functions

- Expand knowledge of right triangle trigonometry to model periodic phenomena
 - Create mathematical models and solve contextual problems
 - Quadratic representations of circles on the coordinate plane
- Students will take the state Georgia Milestones EOC at the end of the course.

GSE Algebra II A&B

Prerequisite: GSE Geom & teacher recommendation
For grade 11

This is the third in a sequence of mathematics courses designed to ensure that students are college and work ready. It requires students to:

- 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 system of equation and linear programming to represent and solve problems
- Investigate planes and spheres;
- Solve problems by interpreting a normal distribution as a probability distribution;
- Design and conduct experimental and observational studies;
- Rational, absolute value and piecewise functions;
- Cross sections of 3-D objects;
- Develop the unit circle; and
- Explore Trigonometry Graphs and Identities

GSE Algebra II Support A&B

Prerequisite: GSE Geom & teacher recommendation
For grade 11

The purpose of the Math Support class is to address the needs of students who have traditionally struggled in mathematics by providing the additional time and attention they need in order to successfully complete their regular grade-level mathematics course. Mathematics Support is an elective class that should be taught concurrently with a student's regular GSE Algebra II course. This course is an academic elective credit only and does not fulfill the mathematics requirements for graduation.

GSE Honors Algebra II A&B**

Prerequisite: GSE Hon Geom or GSE Geom & teacher recommendation
For grade 11

This course includes the same topics of study included in Advanced Algebra but places more emphasis on formal processes and rigor. This course will place more emphasis on critical thinking and analysis of mathematical concepts.

GSE Accelerated Precalculus BC A&B**

Prerequisite: GSE Acc Geo/Algebra II or GSE Honors Algebra II & Teacher rec

For grade 10-11

This is the third in the sequence of mathematics courses designed to ensure that students are prepared to take higher level mathematics courses during their high school career, including AP Calculus AB, AP Calculus BC, and AP Statistics. It requires students to:

- Continue the study of conics, including systems of quadratic equations and using the discriminant
- Analyze and use trigonometric functions, their graphs, and their inverses
- Find areas of triangles using trigonometric relationships
- Use trigonometric identities to solve problems and verify equivalency statements
- Solve trigonometric equations analytically and with technology
- Solve problems and verify equivalency statements using sum and difference formulas, double-angle and half-angle formulas, sum-to-power rule and power-to-sum rule
- Use complex numbers in trigonometric form
- Understand and use vectors in 2-space and 3-space. Use dot product and cross-product to solve problems
- Use sequences and series
- Explore parametric representations of plane curves in 2 and 3-space
- Explore polar equations
- Explore matrices and use matrices in applications
- Solve systems of equations using matrices with an emphasis on using reduced-row echelon form
- Find the probability of compound events using probability rules
- Understand and use expected value
- Use binomial theorem to calculate probability and expand binomials
- Explore set theory
- Develop the use of proofs, including direct proofs, indirect proofs and proof by induction
- Expand knowledge of rational functions, including partial fraction decomposition

GSE Accelerated Precalculus AB A&B**

Prerequisite: GSE Acc Geo/Algebra II or GSE Honors Algebra II & Teacher rec

For grade 10-11

This is the third in the sequence of mathematics courses designed to ensure that students are prepared to take higher level mathematics courses during their high school career, including AP Calculus AB and AP Statistics. It requires students to:

- Continue the study of conics, including systems of quadratic equations
- Continue the development and application of the Unit Circle
- Analyze and use trigonometric functions, their graphs, and their inverses
- Find areas of triangles using trigonometric relationships
- Use trigonometric identities to solve problems and verify equivalency statements
- Solve trigonometric equations analytically and with technology
- Solve problems and verify equivalency statements using sum and difference formulas, double-angle and half-angle formulas
- Use complex numbers in trigonometric form
- Understand and use vectors
- Explore polar equations
- Explore matrices and use matrices in applications
- Find the probability of compound events using probability rules
- Understand and use expected value

GSE PreCalculus

Prerequisites: GSE Algebra II

For grade 12

This is a fourth year mathematics course designed to prepare students for calculus and other college level mathematics courses. It requires students to:

- Investigate all four of the conic sections
- Develop and apply the Unit Circle
- Analyze and use trigonometric functions, their graphs and their inverses
- Solve trigonometric equations
- Use trigonometric functions to solve problems and verify equivalency statements
- Apply the sum and difference formulas and double angle formulas
- Explore matrices and use matrices in applications
- Find the probability of compound events using probability rules
- Understand and use expected value

AP Calculus AB***

Prerequisite: Acc Precalc BC or Acc Precalc AB & teacher recommendation

For grade 11-12

This course conforms to the College Board topics for the Advanced Placement Calculus AB Examination. Topics covered include functions, graphs, limits, derivatives, differential calculus, and integral calculus.

AP Calculus BC***

Prerequisite: AP Calculus AB or Acc Precalculus BC & Teacher rec

For grade 11-12

This course conforms to the College Board topics for the Advanced Placement Calculus BC Examination. Topics covered include functions (including parametric, polar and vectors), graphs, limits, derivatives, integrals, polynomial approximation and series.

Multivariable Calculus***

Prerequisites: AP Calculus BC

For grade 11 or 12

This course is a continuation of calculus and includes topics such as vectors, vector functions, partial derivatives, multiple integrals and vector calculus.

AP Statistics

Prerequisites: GSE Hon Geom or Accelerated Geom/Alg II

For grades 10-12

This course conforms to the College Board topics for the Advanced Placement Statistics Examination. Students learn to make decisions based on real-world data. They learn to plan studies and experiments using probability and simulation models to anticipate and predict patterns in data. Extensive use is made of calculators with statistical capabilities. This course covers four major themes: Exploratory analysis, planning a study, probability and statistical inference.

Freshman	Sophomore	Junior	Senior
Accel GSE An. Geo/Alg II	GSE Accel PreCalculus BC Or GSE Accel Precalculus AB	AP Calculus BC AP Calculus AB	Multivariable Calculus AP Calculus BC
GSE Honors An. Geometry	GSE Honors Algebra II	GSE Accel PreCalculus BC Or GSE Accel Precalculus AB	AP Calculus BC AP Calculus AB
GSE Algebra Enriched	GSE Honors An. Geometry and GSE Honors Algebra II	GSE Accel PreCalculus BC Or GSE Accel Precalculus AB	AP Calculus BC AP Calculus AB
GSE Algebra	GSE Honors An. Geometry	GSE Honors Algebra II	GSE Accel PreCalculus AB
GSE Algebra and Foundations of Algebra	GSE Analytic Geometry	GSE Algebra II	GSE PreCalculus
GSE Algebra 93 and Foundations of Algebra 93	GSE Analytic Geometry and GSE Analytic Geom Support (elective credit)	GSE Algebra II And GSE Algebra II Support (elective credit)	GSE PreCalculus Or 4 th year option
GSE Algebra (SG) and Foundations of Algebra (SG)	GSE Analytic Geometry 93 and GSE Analytic Geom Support 93 (elective credit) GSE Analytic Geometry (SG) and GSE Analytic Geom Sppt (SG) (elective credit)	GSE Algebra II And GSE Algebra II Support (elective credit) GSE Algebra II (SG) and GSE Algebra II Support (SG)	GSE PreCalculus Or 4 th year option GSE Precalculus (SG) Or 4 th year option
	<ul style="list-style-type: none"> Statistics can be taken any time after successful completion of GSE Accel An. Geo/Alg II or GSE An Honors Geometry as an elective. 		

Physical Education

All students are required to take Personal Fitness and Health for graduation.

Health**For grades 9-12**

Health allows students to develop a higher state of wellness through an understanding of preventative health strategies as they pertain to personal health, nutrition, communicative and chronic diseases, consumer health, first aid and CPR, drug education, community health and family living. An emphasis is placed on the decision-making process and preventative health care. The Alcohol Drug Awareness Program (ADAP) will be given during all Health classes.

Personal Fitness**For grades 9-12**

Personal Fitness is designed to help students understand why exercise and fitness are important and will emphasize successful strategies for maintaining good cardiovascular endurance, flexibility, muscular strength, and muscular endurance. The course will follow a conceptual approach dealing with the following topics: understanding the nature of fitness; appraising individual fitness; understanding methods of conditioning, exercise precautions and fallacies, and problems with maintaining a lifelong fitness program; developing a personal fitness program; and assessing diet and exercise and how they affect your health. In addition, the course includes physical training and fitness goals.

Team Sports A&B**For grades 9-12**

This course is designed to introduce students to three different team sports ranging from basketball, volleyball, softball, flag football, soccer, and any other team oriented sport. This course offers the students the opportunity to learn the sport history, rules and regulations, etiquette, strategy and judgment, and basic motor skills.

Outdoor Education A&B**For grades 10-12**

This course promotes an appreciation for the outdoors, provides physical activities and adventures in an outdoor laboratory. It introduces the student to outdoor survival, camping, cooking, wilderness/wildlife, orienteering, map making, hunting, gun safety, archery, fishing, project adventure, and hiking. The student's grade will be based on demonstrating outdoor skills.

Weight training A&B**For grades 9****Advanced Weight training A&B****For grade 10****Physical Conditioning A&B****For grade 11****Advanced Physical Conditioning A&B****For grades 12**

These courses are designed to introduce students to a program of activities that promote the development of health related fitness. Activities may include stretching exercises, weightlifting, strength training, plyometric exercises, flexibility, and physical fitness training. Students will devise an individual program for their fitness and strength level.

Lifetime Sports A&B**For grades 9-12**

This course is designed to introduce students to different lifetime sports. This course may include the following: tennis, badminton, basketball, volleyball, golf, bowling, and any other individual or dual sport or activity. It will also offer the student the opportunity to learn the sport history, rules and regulations, etiquette, strategy and judgment, and basic motor skills for each activity.

Sciences

For the Class of 2012 and beyond, four units of science study, including one unit of biology, one unit of Physics or Physical Science, one unit of Chemistry, Earth Systems, Environmental Science or AP science, and one additional unit of science.

Physics I Honors A&B**Prerequisite:** concurrent with GSE Alg Enr. & Teacher rec.**For grade 9-10**

Physics is a foundational science. The principles taught in a first year physics course underlie all other fields of science and lay the foundation for more advanced high school courses in chemistry, biology and physics. It is essential to offer incoming freshman a first year physics course to be taken concurrently with GSE Algebra. This approach improves mathematical skills because students gain a better understanding of how algebra concepts are applied to physics content. Our approach to teaching physics first, fosters critical thinking and has improved success in subsequent science courses. The curriculum emphasizes real world application, integrates accelerated algebra skills and incorporates technology to gain well-rounded knowledge of physics concepts. This course focuses on the study of forces and the laws of nature affecting matter: equilibrium, motion, momentum, and the relationships between matter and energy; the laws of conservation; energy transformation. The study of physics includes examination of sound, light, magnetic and electric phenomenon as well as an introduction to geometrical and physical optics. Students investigate physics concepts through laboratory experiences using the processed of inquiry. Students will accumulate data, construct graphs and develop mathematical models to describe the physical world.

Physics I A&B**Prerequisite:** Concurrent w/ GSE Algebra**For grade 9**

This course follows the same principles and general topics as Freshman Physics I Honors. The differences include the depth of topics covered and the mathematical formulas used. The course is differentiated in laboratory scope and sequence.

Physical Science 93 A&B**Prerequisite:** teacher recommendation**For grade 9**

Physical Science is a survey course which gives students an overview of basic concepts of physics and chemistry and an introduction to the scientific method. Concepts are reinforced by appropriate laboratory activities. Students are required to take the state Georgia Milestones EOC.

Biology 101 A&B Honors****Prerequisite:** teacher rec. and accelerated standing or teacher rec and concurrent with GSE Honors Geom.**For grades 10**

Biology 101 is an honors sophomore level class. The first semester includes inorganic and organic chemistry principles, cell structures and function, cellular processes, cellular respiration, photosynthesis, cellular reproduction, genetics, and DNA. The second semester deals with evolution, biological diversity and its classification, plant and animal forms and function. Biology 101 is a laboratory-based class. Students will be involved in computer-based and traditional lab activities with an emphasis on collaborative inquiry exploration. Students will take the state Georgia Milestones EOC at the end of the course.

Biology 102 A&B**Prerequisite:** one unit of science credit**For grades 10**

Biology provides an introduction to biological processes. Starting at the molecular level the structures and functions both unique and common to various life forms will be examined and compared. Study topics will include biological molecules, energy processes, cellular structure, genetics and reproduction, biological diversity, behavior and adaptation, and ecology. Laboratory exercises will provide hands-on opportunities to increase knowledge and skills in both biology and the design of controlled experiments. Students are required to take the state Georgia Milestones EOC.

Biology 103 A&B**Prerequisite:** teacher rec**For grade 10-12**

The fall semester of this course will introduce the topics of cellular structure and function, genetics, and the development and diversity of life. The spring semester of this course will deal with the classification of living things, a survey of the five biological kingdoms, and ecology. This course is supplemented with materials not found in the textbook. Students are required to take the state Georgia Milestones EOC.

Human Anatomy/Physiology Honors A&B****Prerequisite:** 1 unit of biology & teacher recommendation**For grade 11-12**

The Anatomy/Physiology course is designed to introduce students to the wonders and intricacies of the human body through a study of the 11 organ systems. The class will concentrate on three themes of study—interrelationships of body organ systems, homeostasis and complementarity of structure and function. Students will analyze the structures of the organs found within each system as a prerequisite to comprehending its function. Pathological conditions are integrated throughout the course to clarify and illuminate normal functioning. This course satisfies the fourth science requirement for graduation.

Human Anatomy and Physiology**Prerequisite:** 1 unit of biology and 12th grade status**For grade 12**

Human Anatomy and Physiology 112 will introduce students to the structures and functions of all of the human body systems. Depth and breadth of the course will be aligned with Biology 102. Curriculum will be enriched with group case studies, lab dissections and exposure to actual medical procedures. This course satisfies the fourth science requirement for graduation.

Earth Systems 112 A&B

Prerequisite: 1 unit of Biology

For grades 11-12

Earth systems is a laboratory course which studies the hydrosphere, lithosphere, and atmosphere; their composition, structure, and energy; the dynamics between them and their impact upon the earth's inhabitants. The course also presents a holistic view of the Earth and emphasizes the interrelatedness of its systems and how the impact of modern society is influencing the Earth through changes in these systems. This course satisfies the third science requirement for graduation.

Earth Systems 113 A&B

Prerequisite: 1 unit of biology & teacher recommendations

For grades 11-12

Earth Systems is an introductory laboratory-based course designed to study the Earth's composition, structure, and systems. The atmospheric systems and their composition, structure, and energy along with the dynamics among the systems and their impact upon the earth's inhabitants will be explored. The course presents a holistic view of the Earth and emphasizes the interrelatedness of its systems and how the impact of modern society is influencing the Earth through changes in these systems. This course satisfies the third science requirement for graduation.

Astronomy A&B

Pre-requisite: 1 unit of Geometry

For grades 11-12

This course is an introduction to the world's oldest science, astronomy. The topics studied will include the origin of the universe, earth centered cosmology, stellar evolution, the laws of gravity and light, the concepts of space and time travel, current and historical concepts of astronomy observing, and the methodologies and equipment used in modern astronomy along with the historic development of these methods and procedures. This course satisfies the fourth science requirement for graduation.

Forensics A&B

Prerequisite: three units of science & teacher recommendation

For grades 11-12

Forensic science is the use of scientific protocols to analyze a crime scene. Students will learn how to use biological, chemical, and physical separation methods to isolate and identify materials. They will also learn how to analyze explosive evidence, biological evidence, and the use of tools, including impressions from firearms, tool marks, and arson. This course satisfies the fourth science requirement for graduation.

Chemistry 112 A&B

Prerequisite: 2 units of science and concurrent with GSE Alg II without math support

For grades: 11-12

Chemistry 112 is a math-based laboratory science class that studies matter from an atomic and molecular level. The interactions between molecules and compounds and how these interactions apply to the world around us are also studied. The topics are periodic trends, bonding, compounds, reactions, states of matter, acid/base chemistry, chemical equilibrium, stoichiometry and thermochemistry. Laboratory investigations are an integral part of the course. Lab safety is stressed throughout the course. This course satisfies the third science require-

ment for graduation but is not required for graduation.

Chemistry 111 A&B Honors**

Prerequisite: 2 units of science or accelerated standing & concurrent with GSE Accel Geom/Adv Alg or Honors Alg II; 1 unit of Honors Biology for 10th grade students

For grades 10-12

Honors Chemistry is designed to help students gain an understanding of basic chemistry principles, develop problem-solving skills, become proficient in the use of scientific methodology, and appreciate the impact of science and technology on society. Topics covered include atomic structure, molecular structure, periodicity, chemical reactions, stoichiometry, thermochemistry, kinetic molecular theory, equilibrium, acids and bases, oxidation-reduction, and nuclear chemistry. Students are expected to actively participate in the learning process. There is an emphasis on collaborative exploration and lab safety. This course will provide the college bound student with the foundation necessary for success in introductory college chemistry. Chemistry 111 is considered a physical science by colleges as it is a math intensive course utilizing higher order thinking skills and problem-solving methods.

Physics 121 A&B Honors**

Prerequisite: 2 units of science & enrollment in GSE Precalculus

For grades 11-12

This course concentrates on the subjects of mechanics, waves and optics, sound and musical acoustics, electricity and magnetism. Laboratory investigations are an integral part of the course. The laws of physics are generalized from observation and experimental results. Since physical laws are usually expressed as mathematical equations, algebraic ability is necessary to understand physics on any level beyond a qualitative description. Problem-solving and critical thinking skills are taught and nurtured.

Physics 122 A&B

Prerequisite: 3 units of science– cannot take concurrent w/ Calc For grade 12

Physics is the laboratory course that examines the various forms of energy and their relation to matter. This course provides a hands-on conceptual overview of various topics in physics. Beginning with the difference between speed and velocity students are introduced to a new way of viewing and describing the world. Physical systems and the understanding of the dynamics between the component parts of those systems will be studied from conceptual, mathematical, and laboratory perspectives. This course, while using algebraic equations as a guide for thought, emphasizes conceptual comprehension.

Biotechnology A&B Honors**

Prerequisite: 1 unit of biology & teacher recommendation

For grades 11-12

Key topics studied in this course include the principles and techniques of genomics, recombinant DNA, proteomics, and gene therapy. Biotechnology is a lab intensive course with hands on experiments 3-5 days per week. The main focus of the lab component is to develop expertise in such lab procedures as volume and mass measurement, safe lab practices, preparing solutions, media and cell cultures, sterile technique, isolating and analyzing DNA and proteins, performing electrophoresis, and using appropriate technology for preparation and analysis of samples.

AP Biology***

Prerequisite: 1 unit Honors Bio, 1 Unit Honors Chem & teacher rec
For grades 11-12

The Advanced Placement Biology course is designed to be the equivalent of a college introductory biology course usually taken by biology majors during their first year. The AP course in biology differs significantly from the usual first high school course in biology with respect to the kind of textbook used, the range and depth of topics covered, the kind of laboratory work done by students, and the time and effort required of students. It provides students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. Specific topics covered include biological chemistry, cells, energy transformations, molecular genetics, heredity, evolution, taxonomy and systems, bacteria, protista, fungi, plants, animals and ecology. This course also prepares students to take the AP Biology exam. Students must be available for WEB labs.

AP Environmental Science A&B***

Prerequisite: 1 unit biology, 1 unit chemistry & teacher rec. or 1 unit of biology and accelerated status/concurrent with Chemistry
For grades: 10-12

The Advanced Placement Environmental Science course is designed to be the equivalent of an introductory Environmental Science course at the college level. The goal of the course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze both natural and human made environmental problems, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary; it embraces a variety of topics from biology, chemistry, geology, engineering, and public policy. The course has significant laboratory and fieldwork components. The course prepares students to take the AP Environmental Science exam.

AP Chemistry A&B***

Prerequisite: 1 unit honors chemistry & teacher recommendation
For grades 11-12

AP Chemistry is a college level introductory course in chemistry for those intending to major in a science related field. Materials studied in this course also include the topics, concepts, and laboratory experiments associated with first-year college chemistry and extensive mathematical applications of laws learned in the first year course. The goal of AP Chemistry is to develop critical thinking skills and improve reasoning with regard to topics in chemistry. Topics to be studied include atomic theory and structure, chemical bonding, organic chemistry, gases, liquids, solids, solutions, types of reactions, stoichiometry, equilibrium, kinetics, and thermodynamics. This course prepares students to take the AP Chemistry exam.

AP Physics C– Mechanics A&B***

Prerequisite: 2 units of science, concurrently enrolled in Calculus, & teacher recommendation

For grades 11-12

The Advanced Placement Physics C course is a calculus-based, in-depth study of mechanics. The course is an investigation driven development of the laws of physics. Problem-solving and critical thinking are emphasized throughout the course. The topics of kinematics, dynamics, impulse and momentum, work and energy, rotational motion, oscillations and gravitation are covered in this course. This course ordinarily forms the first part of the college sequence that serves as the foundation in physics for students majoring in science, applied science, and engineering. This course prepares students to take the AP Physics C exam in mechanics.

AP Physics C—Emag A&B***

Prerequisite: 3 units of science including 1 unit of physics, concurrent with Calculus & teacher recommendation

For grades: 12

The Advanced Placement Physics C course is a calculus-based, in-depth study of electricity and magnetism. The course is an investigation driven development of the laws of physics. Problem-solving and critical thinking are emphasized throughout the course. The topics of electrostatics, electric fields and forces, electrodynamics, electric potential and capacitance, current and resistance, circuit elements and dc circuits, magnetic fields and forces, magnetic flux, electromagnetic induction, and Maxwell's equations are covered in this course. This course ordinarily forms the second part of the college sequence that serves as the foundation in physics for students majoring in science, applied science, and engineering. This course prepares students to take the AP Physics C exam in electricity and magnetism.

AP Physics 1 A&B***

Prerequisite: 2 units of science, concurrent enrollment in GPS Pre-calculus Enriched or higher math & teacher rec.

For grades 11-12

The Advanced Placement Physics 1 course is equivalent to a first-semester college course in algebra/trigonometry based physics for non-physics majors. Emphasis is placed on the development of critical thinking skills and problem solving ability. Course topics include Newtonian mechanics (including rotational dynamics and angular momentum); work, energy and power; and mechanical waves and sound. It also introduces electrical circuits. This course prepares students to take the AP Physics 1 exam.

AP Physics 2 A&B***

Prerequisite: 2 units of science, concurrent enrollment in GPS Pre-calculus Enriched or higher math & teacher rec.

For grades 11-12

The Advanced Placement Physics 2 course is equivalent to a second-semester college course in algebra/trigonometry based physics for non-physics majors. Emphasis is placed on the development of critical thinking skills and problem solving ability. Course topics include fluid mechanics, thermodynamics, electricity and magnetism, optics, and atomic and nuclear physics. This course prepares students to take the AP Physics 2 exam.

	Freshman	Sophomore	Junior	Senior
Accelerated/ Multiple AP possibilities	Honors Biology 101 (Taken concurrently with GSE Honors Geom or higher math)	Honors Chemistry I: 111 (Taken concurrently with Honors Alg II or higher math) <i>A or B avg.</i> Below a B avg. → Any grade below a "D" → AP Environmental Science	AP Biology OR AP Chemistry OR AP Physics C (MUST be taken with AP Calculus) OR AP Physics I OR AP Environmental Science Honors Anat/Physiology OR Honors Physics (must take junior or senior year) Earth Systems and An elective science course	AP Biology OR AP Chemistry OR AP Physics C (Must be taken with AP Calculus) OR AP Physics I OR AP Environmental Science OR Honors Biotechnology Physics
Honors	Honors Biology 101 (Taken concurrently with GSE Algebra Enriched or higher math) (Below a C average, will be recommended to Biology 102)	Honors Biology 101 (Taken with GSE Hon Geom or higher math) (Below a C average will be recommended for Chemistry 112)	Honors Chemistry 111 (Taken concurrently with GSE Hon Alg II or higher math)	AP Biology OR AP Chemistry OR AP Physics C (Must be taken with AP Calculus) OR AP Physics I OR AP Environmental Science OR Honors Anatomy-Physiology OR Honors Biotechnology OR Honors Physics 121
2-Level	Physics I 92 (Taken with GSE Coord Algebra or GSE Coord Alg w/Support) ("A" average can go into Honors Biology 101)	Biology 102 (Taken concurrently with GSE Geometry or GSE Geom with Support)	Chemistry I: 112 (Taken concurrently with GSE Alg II)	Anatomy-Physiology OR Physics 122 OR Earth Systems OR Astronomy OR Forensics
3-Level	Physical Science 93 (Taken concurrently with GSE Coord Alg 93 and Support)	Biology 103 (Taken concurrently with GSE Geom 93 and support)	Earth Systems (Taken concurrently with GSE Alg II and Support)	Forensics OR Anatomy-Physiology OR Chemistry I: 112 OR Astronomy (Taken concurrently with 4th year math course)
Graduation Requirement: 1 unit of Biology 1 unit of Physics/Physical Science 1 unit of Chemistry, Earth Systems, Environmental, Science or an AP science course 1 unit of a 4 th Science	<p>Note:</p> <ul style="list-style-type: none"> Students can be recommended up or down levels per teacher recommendation. Waivers are accepted when the prerequisite has been satisfied. 4th science does not necessarily have to be taken senior year. 			

~ Social Studies ~

For the Class of 2012 and beyond, 1/2 unit must be American Government, 1/2 unit must be Principles of Economics, one unit must be World History, and one unit must be United States History.

World Geography 92 A&B**For grade 9**

World Geography provides an overview of physical and cultural geography. An awareness of similarities and differences in human needs and behaviors is developed. Geographic education focuses on the themes of location on earth's surface, place characteristics, relationships within places (human environments), movement, and regions that lead to an understanding of social, economic, historic, geographical, and physical features of the planet on which we live. This course is an academic elective credit only and does not fulfill the Social Studies requirements for graduation.

AP Human Geography*****Prerequisite: teacher recommendation****For grade 9**

The purpose of the AP course in Human Geography is to provide the students with an in-depth understanding of the earth's regions, religions, languages, recent regional histories, and governments, economic systems, and physical features. By the end of the semester, each student will be able to watch the news on television and understand the issues that define our world. Students employ spatial concepts and landscape analysis to analyze human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice. The course will cover 7 general topics: demography, resources and human settlement, cultural patterns and processes, political geography, economic geography, and environmental and development issues. This course is an academic elective credit only and does not fulfill the Social Studies requirements for graduation.

American Government 101 Honors****Prerequisite: teacher recommendation****For grade 10**

Honors American Government involves an in-depth study of United States political system. Students will study the founding principles and the structure of the American governmental system. They will also explore the relationship between citizens and their government. Various landmark Supreme Court rulings will be studied as students examine their civil rights and liberties. Focus areas include: the foundation of the American government, the US Constitution and the rights of citizens, political parties and interest groups, elections and voting, and the three branches of the national government. Curriculum content has been designed for mastery and extension of state and district performance standards.

American Government 102**For grade 10**

American Government focuses on the foundations, structure and functioning of the United States Government. The course examines the American political system including the role of state and local governments within the federal structure. Students will also explore the relationships between citizens and their government including their civil rights and liberties. Focus areas include: the foundations of the American government, the US Constitution and the rights of citizens, political

parties and interest groups, elections and voting, and the three branches of the national government.

American Government 103**Prerequisite: teacher recommendation****For grade 10**

An in-depth study of the American political system. This course focuses on the foundation, principles and structure of the American system of government. It examines the role of political parties, social factors as they relate to the role of the citizen and analyzes the decision-making process that is a part of the system of American political behavior.

AP Government/Politics: US*****Prerequisite: teacher recommendation****For grade 10**

The AP Government Program is a heavily case study based analysis of our political system equivalent to most introductory level college courses in political science. Topics covered include federalism, separation of powers, influences on the formulation and adoption of the Constitution, political beliefs, political parties and elections, interest groups, institutions and policy processes, and civil liberties and civil rights.

AP Government: Comparative* (spring only)****Prerequisite: AP Government US****For grade 10-12**

This course conforms to the College Board topics for the Advanced Placement Comparative Government and Politics Examination. Topics covered include sources of public authority and political power, society and politics, citizen and state, political framework, political change and an introduction to comparative politics. This course is an academic elective credit only and does not fulfill the Social Studies requirements for graduation.

Economics/Business/Free Enterprise 101 Honors****Prerequisite: US History & teacher recommendation****For grade 10**

Economics addresses the fundamental concepts and essential elements of the market economic system in a problem/issues orientation. Issues such as economic growth, productivity, the impact of government on the economy, foreign trade, and rights and responsibilities of individual consumers are explored. Basic principles studied include: Opportunity Costs and Scarcity, Supply/Demand analysis, competitive markets, Macroeconomics measurement, Business cycles, Inflation, Unemployment, Monetary and Fiscal Policies, Comparative, Advantage and International trade. Students will take the state required Georgia Milestones EOC at the end of the course.

Economics/Business/Free Enterprise 102

For grade 10

Economics addresses the fundamental concepts and essential elements of the market economic system in a problem/issues orientation. Issues such as economic growth, productivity, the impact of government on the economy, foreign trade, and rights and responsibilities of individual consumers are explored. Basic principles studied include: Opportunity Costs and Scarcity, Supply/Demand analysis, competitive markets, Macroeconomics measurement, Business cycles, Inflation, Unemployment, Monetary and Fiscal Policies, Comparative, Advantage and International trade. Students will take the state required Georgia Milestones EOC at the end of the course.

AP Microeconomics***

Prerequisite: Honors Geom or higher level or Honors Economics & teacher rec

For grade 10-12

AP Microeconomics is a college level course. Content is primarily focused on basic economic concepts, technical analysis of business costs and production, competition, market dynamics, economic measurement, and government policies. Students should be well versed in mathematical concepts and graphical analysis. This course fulfills the graduation requirement for economics. Students will take the state required Georgia Milestones EOC at the end of the course.

AP Macroeconomics* (spring only)**

Prerequisite: AP Microeconomics or Honors Economics with teacher recommendation

For grade 10-12

AP Macroeconomics is a college level course. The purpose of AP Macroeconomics is to give students a thorough understanding of the principles of economics that apply to an economic system as a whole. Such a course places particular emphasis on the study of national income and price-level determination, and also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. This course is an elective credit only and does not fulfill the requirements for graduation.

US History 111 A&B Honors**

Prerequisite: teacher recommendation

For grade 11

This course investigates the United States, its people, institutions, and heritage. It emphasizes political, cultural, and social issues, the role of the United States as a world leader and the issues confronting the United States today. At the honors level, there is more in-depth analysis of events and sources. The students also have formal essay assignments and will take the GEORGIA MILESTONES EOC at the end of the course.

United States History 112 A&B

For grade 11

United States history is a survey of the development of the United States from discovery through the present. The purpose of this course is to increase knowledge, awareness, and appreciation of America's social, political, and economic evolution from colonization to its current position as a world leader. Students will take the state Georgia Milestones EOC at the end of the course.

United States History 113 A&B

Prerequisite: teacher recommendation

For grades 11

The course investigates the United States, its people, institutions and heritage. It emphasizes political, cultural, and social issues, the role of the United States as a world leader and the issues confronting the United States today. Students will take the state Georgia Milestones EOC at the end of the course.

AP United States History A&B***

Prerequisite: teacher recommendation

For grade 11

This course conforms to the College Board topics for the Advanced Placement United States History Examination. It covers discovery and settlement, colonial society, the American revolution, Constitution and New Republic, Age of Jefferson, Nationalism, Sectionalism, Territorial Expansion, Civil War, Reconstruction, Industrialization, progressive Era, World War I, Depression, New Deal, World War II, The Cold War through modern times. Students will take the state Georgia Milestones EOC at the end of the course.

World History 121 A&B Honors **

Prerequisites: teacher recommendation

For grade 12

Emphasis is on the development of mankind to the modern age. This course begins with a review of history up to 600 CE. From that point, the course is an in-depth study of the emergence of nations through the development of science, communications, technology, and the emergence of interdependence of nations in the 20th and 21st centuries. This course also emphasizes the historical process through writing and analysis of primary source material.

World History 122 A&B

For grade 12

World History is a survey of people and nations of both Western and non-Western civilizations. This course explores the political, cultural, and economic heritage of civilizations from the time of recorded history to present. Emphasizes the political, cultural, economic, and social development and growth of civilizations. Covers the development of change beginning with ancient civilizations, the emergence of nations through trade/communications, intellectual development, scientific/technological development, emergence of nation states, nations in conflict and the emerging interdependence of nations in the twentieth century.

AP World History A&B***

Prerequisite: Teacher recommendation

For grade 12

The purpose of the AP World history course is to develop a greater understanding of the evolution of global processes and contacts, and interaction with different types of human societies. The course highlights the nature of changes in international frameworks and their causes and consequences, as well as comparisons among major societies. The course emphasizes relevant factual knowledge deployed in conjunction with leading interpretive issues and types of historical evidence. Focused primarily on the past 8-10 thousand years of the global experience, the course builds on an understanding of cultural, institutional, and technological precedents that, along with geography, set the human stage prior to 1000 CE. The course covers discovery and settlement, Colonial Society, the American Revolution, Constitution and the New Republic, Age of Jefferson, Nationalism, Sectionalism, Territorial Expansion, Civil War, Reconstruction, Industrialization, Progressive Era, World War I, Depression, New Deal, World War II, and the Cold War, through modern times.

Current Issues

For grades 11-12

An in-depth examination of contemporary local, state, national and international issues. The main purpose of this course is to assess and analyze social, political, and economic issues involved in current events. Much of this class is discussion based on Internet and newspaper research.

Psychology

For grades 11-12

This course gives a general overview of the principles and concepts of psychology, including learning theory, perception, intellectual, and social development, abnormal behavior, and interpersonal relationships. The purpose of this course is to provide students with a better understanding of the dynamics that shape our own behaviors as well as the behaviors of others.

AP Psychology***

For grade 12

AP Psychology covers the principles of each of psychology's major sub-fields and studies the methods psychologists use in research and practice. Students develop a deeper understanding of the human mind and behavior through class discussions, demonstrations and the review of famous experiments. Topics include the biological basis of behavior, sensation, perception, learning, memory, cognition, personality and abnormal and social psychology.

Sociology

For grades 10-12

Sociology is designed to examine the importance of sociology as a social science and will explain the corresponding theories and theorists. Students will examine culture and its correlation to society, as well as agents of socialization such as the family, peer groups, and the media. Students review social groups, social structures, life stages, and gender roles in relation to society. The focus of the course is to demonstrate how human behavior and interaction is key to understanding how societies function.

AP European History A&B***

Prerequisite: teacher recommendation

For grades 10-12

This course conforms to the College Board topics for the Advanced Placement European History Examination. Topics covered include intellectual and cultural history, political and diplomatic history, and social and economic history of Europe from the Renaissance to the present day.

AP Art History A&B***

Prerequisite: teacher recommendation

For grades 11-12

This course conforms to the College Board topics for the Advanced Placement Art History Examination. Topics covered include prehistory to Egyptian, Greek and Roman, Early Christian, Byzantine, Early Medieval, Romanesque, Gothic, Renaissance, and Mannerist, 17th and 18th century, 19th century, 20th century and non-Western Art.

Modern United States Military History—1918 to present

For grades 11-12

This course investigates the United States Military History from 1918 to the present. The course includes analysis of major battles, strategies, and weapon development. It also integrates and reinforces social studies skills, especially map and globe skills.

Ethnic Studies

For grades 10-12

This course is designed to promote discussion about diversity issues within American society. The course will focus on ethnic differences and the impact these differences continue to have on the respective populations and American society as a whole. The goal of the course is to promote enlightened perspectives about the eclectic society in which we live as well as foster a more tolerant school community. The course utilizes a wide array of primary and secondary source material to encourage students to form more objective opinions of a myriad of topics of concern in modern American society.

Technology Education

For the Class of 2012 and beyond, a total of three units are required from Career Tech Education, Modern Language, Latin, and/or Fine Arts.

Intro to Graphics & Design I A&B**For grades 9-12**

This is the first course in the **Graphic Design Career Pathway**. This class is designed to provide an overview of the field of Graphic Communications and design. Students will learn design concepts, computer layout, and production of printed materials which are pervasive in our world. Students will custom-make the products using the Adobe Creative Suite 5. Some projects include notepads, mouse pads, business cards, stationery, brochures, post cards, CD covers, invitations, and more. Students are acquainted with career opportunities in the areas of advertising, graphic design, illustration, typesetting, screen printing, digital printing, offset printing, and others. Students will learn basic techniques of photo editing in Adobe Photoshop, drawing and vector art creation using Adobe Illustrator and page layout skills using Adobe In-Design. Many opportunities are available for students to gain local, state and national recognition through their work produced in this and future courses. This course is a PrintEd accredited program in which a student may obtain a national certification upon completing specific competencies.

Graphics Design and Production—Graphics Arts Tech II**Prerequisite: IG&D I****For grades 10-12**

This is the second course in the **Graphic Design Career Pathway**. Topics included in this course are Color Theory, Design Principles, Career Path and Opportunities in the Design Profession, Digital File Preparation, Introduction to Output Operations, Bindings and Finishing, Ink & Substrates and Work flow.

Graphic Output Processing-Graphic Arts Tech III**Prerequisite: Graphic Design and Production****For grades 11-12**

This is the third course in the **Graphic Design Career Pathway**. Topics included in this course are Career Development, Production Planning, Production Simulation and Advanced Image Preparation. Students will obtain hands on experience learning multiple output processes including: wide format printing, dye sublimation, vinyl cutting for signs, heat transfers and hybrid technologies. Students will print items such as posters, banners, etc.

Advanced Graphic Design-Intro Graphics & Design IV**Prerequisite: IG&D III****For grades 11-12**

This course enhances level-three skills and provides the opportunity for special projects or independent study. Topics included are Portfolio development, Professional Practices, Employability Preparation and Advanced Problem Solving.

Broadcast/Video Productions I A & B**For grades 9-12**

This is the first course in the **Broadcast Video/Production Career Pathway** preparing the students for employment of entry into a postsecondary education program in this field. Students in Broadcast/Video Productions will discover the ins and outs of how a television show is made. Topics covered include history of mass media, basic field equipment function, shooting and editing video, studio production, production

teams, planning, writing and editing a field production, employability skills, storyboarding, career opportunities and professional ethics.

Broadcast/Video Productions II A&B**Prerequisites: BVP I****For grades 10-12**

This is the second course in the **Broadcast Video/Production Career Pathway**. Students enhance the skill set established in the first course by participating in the production of a daily live newscast. Topics included in this course are operational set-up and maintenance, audio/video control systems, production graphics, studio camera and teleprompter operation, audio production and professional ethics.

Broadcast/Video Production III A&B**Prerequisite: BVP II****For grades 11-12**

This is the third course in the **Broadcast Video/Production Career Pathway**. This course is designed to facilitate student-led broadcasts under the guidance of the instructor. Students work cooperatively and independently in all phases of broadcast/video production. Topics included in this course are planning, writing and directing a studio production, advanced audio operations, reporting, scriptwriting, technical directing, producing, employability skills and professional ethics.

Broadcast/Video Production IV A&B**Prerequisite: BVP III****For grades 11-12**

This is the fourth course in the **Broadcast/Video Production Career Pathway**. Students work cooperatively and independently in all phases of broadcast/video production. Advanced technical and leadership roles, like directing, anchoring and producing, are emphasized in the production of the daily newscast. Topics included in this course are advanced camera techniques, advanced editing, employability skills and development of a digital portfolio to include resume, references and production samples.

AP Computer Science Principles A&B**Prerequisite: concurrently GSE Alg.****For grades 9-12**

Students are introduced to fundamental computer programming concepts, hardware, and interactive programming. Development of a logical problem-solving approach is stressed. Students gain experience in program design and development using Java programming language. The course is the equivalent of a college-level Computer Science Principles course and is preparation for the AP Computer Science Principles exam.

AP Computer Science A&B*****Prerequisite: Teacher recommendation****For grades 10-12**

This course emphasizes Java-based objective oriented programming, problem solving, and algorithm development. Development of a logical problem-solving approach is stressed. Students gain experience in designing programs with multiple classes and class hierarchies using the Java programming language. The course is the equivalent of a first semester college-level Computer Science course and is preparation for the AP Computer Science exam.

Honors Intro to Engineering Design A&B**

Prerequisite: concurrent with GSE Alg

For grades 9-12

Introduction to Engineering Design is a year-long, honors introductory course in the nationally known Project Lead the Way curriculum. The IED course teaches problem-solving skills through use of a design development process. Topics include the history of design, sketching and visualization, modeling, and documentation. Students will create 3-D computer models using Inventor software in addition to building some projects. Students will write reports documenting their designs and will present their designs to the class.

Honors Principles of Engineering A&B**

Prerequisite: Intro to Eng. Design & concurrent with GSE Geom.

For grades 10-12

Principles of Engineering is a year-long, honors course in the nationally known Project Lead the Way curriculum. This introductory course explores the wide variety of careers in engineering and technology including topics about various technology systems and manufacturing processes. Using activities, projects, and problem-solving techniques, students learn first hand how engineers and technicians use math, science, and technology in an engineering problem-solving process to benefit people.

Honors Aerospace Engineering A&B**

Prerequisite: Intro to Engineering Design, Principles of Engineering, and GSE Geom. or teacher approval

For grades 11-12

Aerospace Engineering is an advanced year-long honors course in the Project Lead the Way Curriculum. Through hands-on engineering projects developed with NASA, students learn about aerodynamics, astronautics, space-life sciences, and systems engineering (which includes the study of intelligent vehicles like the Mars rover Spirit and Opportunity). Students work with a flight simulator, wind tunnel, rockets, and robots.

Honors Digital Electronics A&B**

Prerequisite: Principles of Engineering

For grades 11-12

Digital Electronics is a year-long, honors level course in the Project Lead the Way Curriculum. This course in applied logic encompasses the application of electronic circuits and devices. Students use computer simulation software to design and test digital circuitry prior to the actual construction of circuits and devices.

Honors Advanced Robotics A&B**

Prerequisite: GSE Geometry; Intro to Engineering and Principles of Engineering or Computer Science I and AP Computer Science, and teacher recommendation

Advanced Robotics is an advanced year long honors course. Utilizing advanced Physics principles, integrating concepts found in advanced placement courses, this course will consist of students working independently and collaboratively in the research, design and development of robotics and automation technologies. There will be an emphasis on the application and integration of physics principles in the course. Students will be introduced to the principles of robotics and automations and the role of robotics in industry through research, speakers and site

visits. Students will apply physics principles in an integrated study in the design and development of an array of robotic mechanisms. Students will also learn and apply relevant computer programming languages to advanced physics principles. Finally, working in teams, students will build working robots which can accomplish specific pre-determined goals.

Introduction to Healthcare Science A&B

For grades 9-12

Introduction to Healthcare Science is a foundations course for the **Sports Medicine Pathway**. It is appropriate for students wishing to pursue a career in the Healthcare Industry. The course will enable students to receive initial exposure to healthcare skills and attitudes applicable to the healthcare industry. The concepts of health, wellness, and preventative care are evaluated, as well as, ethical and legal responsibilities of today's healthcare provider. Fundamental healthcare skills development is initiated including medical terminology, microbiology, and basic life support.

Essentials of Healthcare A & B

Prerequisite: Intro to Healthcare Science A&B

For grades 10-12

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.

Sports Medicine

Prerequisite: Essentials of Healthcare A&B

For grades 11-12

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

Work-based learning

Prerequisite: Sports Medicine A&B

For grade 12

Work-based Learning placement represents the pinnacle of the Therapeutic Services/Sport Medicine Career Pathway. The job placement must be directly related to the curriculum of the pathway. Students interested in the course must get approval from the Pathway director and have plans of placement options before the beginning of the semester.

World Language

Our World Language department offers a complete program in Chinese, French, Latin and Spanish. For the Class of 2012 and beyond, a total of three units is required from Career Technical Ed, Modern Language, Latin and/or Fine Arts. Students planning to enter or transfer to a University System of Georgia Institution or other post-secondary institution must take at least two units of the same modern language or Latin.

Levels I, II, III, and IV of the modern languages offered at Walton are for students who are learning these languages as a Foreign Language. Native and Heritage speakers wishing to study their native language at Walton will be placed on a case by case basis depending on their skill development levels. These students may instead prefer to study another modern language.

French I A&B**For grades 9-12**

The Level I language course focuses on the development of communicative competence in the target language and understanding the culture of the people who speak the language. It assumes that the students have minimal or no prior knowledge of the language and culture. The major means of communication is in the target language. The course content includes how to greet and take leave of someone, to ask and respond to basic questions, to speak and read within a range of carefully selected topics, and to develop an understanding of French-speaking cultures.

French II A&B**Prerequisite: French I****For grades 9-12**

The Level II language course focuses on the continued development of communicative competence in the target language and understanding of the culture(s) of the people who speak the language. Students begin to show a greater level of accuracy when using basic language structures, and they are exposed to more complex features of the language. They continue to focus on communicating about their immediate world and daily life activities, read material on familiar topics, and write short, directed compositions. The major means of communication is in the target language.

French III A&B Honors****Prerequisite: French II****For grades 10-12**

The Level III language course focuses on the continued development of communicative competence in the target language and understanding of the culture(s) of the people who speak the language. Students use basic language structures with accuracy and recombine learned material to express their thoughts. They are exposed to more complex features of the language, moving from concrete to some abstract concepts. The major means of communication is in the target language.

French IV A&B Honors*****Prerequisite: French III****For grades 11-12**

The Level IV language course focuses on the continued development of communicative competence in the target language and understanding of

the culture(s) of the people who speak the language. During this course, they gain confidence in recombining learned material of the language, creating in the language to express their own thoughts, interacting with other speakers of the language, understanding oral and written messages in the foreign language, and making oral and written presentations in the target language. They are exposed to more complex features of the language, moving from concrete to more abstract concepts. In addition, the students will develop the ability to read, analyze, and discuss perceptively representative works of French Literature.

AP French Language & Culture A&B*****Prerequisite: French IV****For grade 12**

The AP French Language & Culture course conforms to the College Board themes for the Advanced Placement French Language Examination: global challenges, science and technology, contemporary life, personal and public identities, families and communities and beauty and aesthetics. It emphasizes the use of language for active communication, and has for its objectives the development of: interpretive communication through written, audio, visual, and audiovisual texts, spoken and written interpersonal communication, and spoken and written presentational communication. While communicating in French, students explore culture and events in both contemporary and historical settings, and examine products and practices of the Francophone culture.

Latin I A&B

For grades 9 –12

This course introduces students to the Latin language and ancient Roman civilization. It emphasizes the skills needed to read Latin literature. The approach used is a reading approach in which grammar is taught in context, and as an aid to, reading comprehension.

Latin II A&B

Prerequisite: Latin I

For grades 9-12

This course enhances Level I skills and provides opportunities to translate longer, more challenging passages. This course is the second half of a two-year sequential course, which develops the skills needed to read Latin literature.

Latin III A&B Honors**

Prerequisite: Latin II

For grades 10-12

This course enhances previously learned skills and introduces original works by Latin authors. The works of the authors may be selected in any order for courses designated at the third, fourth and fifth year levels. Latin III traditionally focuses on prose literature of the late Republic and early Empire. Grammar is taught in the context of the readings.

AP Latin A&B***

Prerequisite: Latin III

For grades 11-12

This course conforms to College Board required reading for the Advanced Placement Latin Examination. It covers Virgil's *Aeneid* as well as Caesar's *de Bello Gallico* and emphasizes the ability to translate accurately, to interpret critically, to read aloud with attention to pauses and phrasing, to scan Latin hexameter verse, and to demonstrate mastery of Latin syntax through written translations.

Latin V Honors A & B***

Prerequisite: AP Latin

For grade 12

This course provides students with the opportunity to experience some of the finest and most influential works of the Latin corpus, and indeed, of world literature. Students can expect to read works by Ovid, Catullus, Caesar, Cicero, Tacitus, Suetonius and others. Emphasis is placed on critical reading, interpretation, and discussion of the literature and on understanding it in historical context.

Chinese I A&B

For grades 9-12

This Level I language course focuses on the development of communicative competence in the target language and understanding the culture of the people who speak the language. It assumes that the students have minimal or no prior knowledge of the language and culture. The major means of communication between the students and instructor is in the target language. The course content includes how to greet and take leave of someone, to ask and respond to basic questions, to speak and read within a range of carefully selected topics and to develop an under-

standing of Chinese-speaking cultures.

Chinese II A&B

Prerequisite: Chinese I

For grades 9-12

The Level II language course focuses on the continued development of communicative competence in the target language and understanding of the culture(s) of the people who speak the language. It assumes that the students have successfully completed a Level I course. Students begin to show a greater level of accuracy in communicating their immediate world and daily life, read materials on familiar topics, and write short, directed compositions. The major means of communication between students and instructor is the target language. It continues to provide practice in how to greet and take leave of someone, to ask and respond to basic questions, and to speak and read within a range of carefully selected topics.

Chinese III A&B Honors**

Prerequisite: Chinese II

For grades 11-12

The Chinese Level III course is an intermediate course conducted primarily in Chinese that emphasizes the development of reading, writing, listening and speaking skills acquired through the student of new grammatical structures, vocabulary and idioms within the context of a specific theme and country. The textbook is used as the primary source. Students will also be exposed to a variety of supplementary materials such as music, film, and internet websites.

Chinese IV A&B Honors***

Prerequisite: Chinese III

For grade 11-12

The Chinese Level IV course will help students to develop the ability to express themselves with relative ease and greater proficiency on a variety of topics in both oral and written language. Readings (literary works, articles, and biographies) are utilized to generate oral and written expression as well as to expand vocabulary, grammatical knowledge and cultural understanding. The course, conducted primarily in Chinese, is intended for students who want to continue to develop a strong foundation in the language so that they may communicate effectively in the target language, improve their communication skills and cultural awareness.

AP Chinese Language and Culture A&B***

Prerequisite: Chinese IV or Native Speaker

For grades 9-12

AP Chinese Language conforms to College Board topics for the Advanced Placement Chinese Language Examination. The course emphasizes using the language for active communication, and has for its objectives the development of the ability to understand spoken Chinese in various contexts, the development of Chinese vocabulary sufficient for reading newspapers and magazines, literary texts, and other non-technical writing, and the development of the ability to express oneself coherently, resourcefully and with reasonable fluency and accuracy in both written and spoken Chinese.

Spanish I A&B

For grades 9–12

The Level I language course focuses on the development of communicative competence in the target language and understanding the culture of the people who speak the language. It assumes that the students have minimal or no prior knowledge of the language. The course content includes how to greet and take leave of someone, to ask and respond to basic questions, to speak, write and read within a range of specific topics, and to develop an understanding of Spanish-speaking cultures. The major means of communication between students and instructors will be in the target language.

Spanish II A&B

Prerequisite: Spanish I

For grades 9-12

The Level II language course focuses on the continued development of communicative competence in the target language and understanding of the cultures of the people who speak the language. Students begin to show a greater level of accuracy when using basic language structures, and they are exposed to more complex grammar as well as expansions in vocabulary topics learned in Level 1. They continue to focus on communicating about their daily life activities, read material on familiar topics, and write short, directed compositions. The major means of communication between students and instructors will be the target language.

Spanish III A&B Honors**

Prerequisite: Spanish II

For grades 10-12

The Level III language course focuses on the continued development of communicative competence in the target language and understanding of the cultures of the people who speak the language. Students use basic language structures with accuracy and recombine learned material to express their thoughts. They are exposed to more complex features of the language, moving from concrete to some abstract concepts. The major means of communication between students and instructors will be the target language.

Pre– AP Spanish III A&B Advanced Honors**

Prerequisite: Spanish II & teacher recommendation

For grades 10-12

This course is an extremely accelerated course in which students will cover Spanish III and Spanish IV in one year. This course is for highly motivated students with strong language skills who will go on to complete both AP Spanish Language and AP Spanish Literature before graduating high school. The major means of communication is in the target language.

Spanish IV A&B Honors***

Prerequisite: Spanish III

For grades 11-12

The Level IV language course focuses on the continued development of communicative competence in the target language and understanding of the cultures of the people who speak the language. They gain confidence in applying learned material of the language to express their own thoughts, interact with other speakers of the language, understand oral and written messages in the foreign language, and make oral and writ-

ten presentations in the target language. They are exposed to more complex features of the language. Students are able to understand material presented on a variety of topics related to contemporary events and issues in the target language. The major means of communication is in the target language.

Spanish V A&B***

Prerequisite: Spanish III Advanced, Spanish IV & teacher recommendation

For grade 11-12

The Level V language course focuses on the continued development of communicative competence in the language and understanding of the culture(s) of the people who speak the language. Students will focus on reading, writing, listening, and speaking while refining grammar and expanding vocabulary. Students continue to gain confidence in recombining learned material of the language, while continuing to create, interact with other speakers, understanding oral and written language, and making presentations. They will manipulate more complex features of the language, including more abstract concepts. Students are able to understand material presented on a variety of topics related to contemporary, historical and literary events and issues in the target culture(s).

AP Spanish Language & Culture A&B***

Prerequisite: Spanish IV or Spanish III Advanced & teacher rec.

For grades 11-12

This course conforms to the College Board topics for the Advanced Placement Spanish Language Examination. It emphasizes the ability to comprehend formal and informal spoken Spanish, to acquire the vocabulary and grasp of structure to read newspapers, magazines and Hispanic literature to compose expository passages, and to speak accurately and fluently. The major means of communication is in the target language.

AP Spanish Literature & Culture A&B***

Prerequisite: AP Spanish Language

For grade 12

This course conforms to College Board required authors and selected works for the Advanced Placement Spanish Literature Examination. It emphasizes the ability to understand a lecture in Spanish and discuss literary topics in Spanish, to read Hispanic literary texts in all genres, and to analyze critically form and content of literary works orally and in writing using appropriate terminology.

Freshman		Sophomore		Junior		Senior	
Chinese I	Chinese II	Chinese III	Chinese IV				
Latin I	Latin II	Honors Latin III	AP Latin				
Latin II	Honors Latin III	AP Latin	Honors Latin V				
	Freshman (Fall)	Freshman (Spring)	Sophomore	Junior	Senior		
Language Track	French IIA	French IIB	French III Honors	French IV Honors	AP French Language		
Language Track for entering freshmen	French IA	French IB	French IIA	French III Honors	French IV Honors		
	Freshman (Fall)	Freshman (Spring)	Sophomore	Junior	Senior		
Language Track	Spanish IIA	Spanish IIB	Spanish III Honors	Spanish IV Honors	AP Spanish Language or Spanish V Honors		
Advanced Track	Spanish IIA	Spanish IIB (Advanced)	Spanish III/IV Honors	AP Spanish Language	AP Spanish Literature		
Language Track for entering freshmen	Spanish IA	Spanish IB	Fall Semester: Spanish IIA	Spanish III Honors or Pre-AP (for students from Spanish IIB Advanced)	Spanish IV Honors or AP Spanish Language (for students who completed Pre-AP)		
			Spring Semester: Spanish IIB or Spanish IIB Advanced				

===== *Summer Learning Requirements* =====

Every student will have a required summer reading assignment in English and Social Studies. Additionally, some courses in mathematics require a summer learning assignment. These assignments along with specific instructions on the assignments will be posted to the Walton website in May. Please consider these requirements when planning your course selection for the 2016-2017 school year.

English Requirements	English 111 LA Honors American Literature
<p>English 92 Literature and Composition (One required book with assignment) <i>Animal Farm</i> (Orwell)</p>	<p>(Three required books) Required with assignment— <i>Orphan Train</i> (Kline) <i>The Catcher in the Rye</i> (Salinger) Required with assignment—<i>How to Read Literature Like a Professor</i> (Foster)</p>
<p>English 91 Honors Literature and Composition (Two required books) Required with assignment - <i>Animal Farm</i> (Orwell) <i>Hotel on the Corner of Bitter and Sweet</i> (Ford)</p>	<p>American Literature Small Group (One required book with assignment) <i>The Catcher in the Rye</i> (Salinger)</p>
<p>ISA English 91 Honors Literature and Composition (Two required books) Required with assignment - <i>Animal Farm</i> (Orwell) <i>La Gran Aventura de Alejandro</i> (Kanter)</p>	<p>AP Language and Composition/American Literature – 11th grade (Three required books) <i>Elements of Style</i> (Strunk and White) <i>The Catcher in the Rye</i> (Salinger) Required with assignment – <i>David and Goliath</i> (Gladwell)</p>
<p>Ninth Literature Small Group (One required book with assignment) <i>Speak</i> (Anderson)</p>	<p>English 122 British Literature (One required book with assignment) <i>Brave New World</i> (Huxley)</p>
<p>English 102 World Literature (One required book with assignment) <i>The Alchemist</i> (Coelho)</p>	<p>English 121 Honors British Literature (Two required books) Required with assignment – <i>Brave New World</i> (Huxley) <i>Buried Giant</i> (Ishiguro)</p>
<p>English 101 Honors World Literature (Two required books) Required with assignment – <i>The Alchemist</i> (Coelho) <i>Between Shades of Gray</i> (Sepetys) <i>Elements of Style</i> (Strunk and White)</p>	<p>British Literature Small Group (One required book with assignment) <i>The Hound of the Baskervilles</i> (Doyle)</p>
<p>World Literature Small Group (One required book with assignment) <i>The Pigman</i> (Zindel)</p>	<p>AP Literature and Composition – 12th grade (Two required books) Required with Assignment - <i>Crime and Punishment</i> (Dostoevsky) <i>Oryx and Crake</i> (Atwood)</p>
<p>AP Language and Composition – 10th grade (Three required books) <i>Elements of Style</i> (Strunk and White) <i>The Alchemist</i> (Coelho) Required with assignment – <i>Class Matters</i> (The New York Times)</p>	<p>ISA AP Literature and Composition – 12th grade (Two required books) Required with assignment - <i>One Hundred Years of Solitude</i> (Garcia Marquez) <i>The Farming of Bones</i> (Danticat)</p>
<p>English 112 American Literature (One required book with assignment) <i>The Catcher in the Rye</i> (Salinger)</p>	
<p>English 111 Honors American Literature (Three required books) Required with assignment—<i>How to Read Literature Like a Professor</i> (Foster) Required with assignment—<i>Orphan Train</i> (Kline) <i>The Catcher in the Rye</i> (Salinger)</p>	

Social Studies

Ninth Grade: Geography Summer Reading:

Class: World Geography 92

Reading: *I am Malala* by Malala Yousafzai

Assessment: Multiple Choice Test

Class: AP Human Geography

Reading: *They Poured Fire on Us from the Sky* by B. Ajak, B. Deng, and A. Deng. 2 other assignments that can be found by visiting Mrs. Cohen's blog on the Walton webpage

Assessment: 3 Separate Assignments:

1. Multiple Choice & Short Answer Test over reading
2. Quiz over the location of the world's countries and regions
3. Quiz over the location of the world's physical features

Tenth Grade:

Government Summer Reading:

Class: On-Level Government

Reading: *The United States: A Graphic Adaptation* by Jonathan Hennessey

Assessment: Multiple Choice Test

Class: Honors Government

Reading: *Nickel and Dimed: On (Not) Getting By in America* by Barbara Ehrenreich

Assessment: Multiple Choice Test

Class: AP Government

Reading: *Nickel and Dimed: On (Not) Getting By in America* by Barbara Ehrenreich

**If you registered for AP Government in the fall, you need to read this book.

Assessment: Multiple Choice Test

Economics Summer Reading:

Class: On-Level Economics

Reading: *The United States: A Graphic Adaptation* by Jonathan Hennessey

Assessment: Multiple Choice Test

Class: Honors Economics

Reading: *Nickel and Dimed: On (Not) Getting By in America* by Barbara Ehrenreich

Assessment: Multiple Choice Test

Class: AP Microeconomics

Reading: *Naked Economics: Undressing the Dismal Science* by Charles Wheelan

**If you registered for AP Econ in the fall, you need to read this book.

Assessment: Multiple Choice Test

Eleventh Grade: U.S. History Summer Reading

Class: On-Level U.S. History

Reading: *Founding Brothers: The Revolutionary Generation* by Joseph Ellis

Assessment: Multiple Choice Test

Class: Honors U.S. History

Reading: *Rachel Calof's Story: Jewish Homesteader on the Northern Plains* by Rachel Colof.

Assessment: Multiple Choice Test

Class: AP U.S. History: Choose one of the following books

Reading:

1493: Uncovering the New World Columbus Created by Charles C. Mann

Mayflower by N. Philbrick

American Lion by J. Meacham

Undaunted Courage by S. Ambrose

Assessment: Multiple Choice Test

Class: ISA AP U.S. History

Reading: *1493: Uncovering the New World Columbus Created* by Charles C. Mann.

Assessment: Multiple Choice Test

Twelfth Grade: World History Summer Reading

Class: On-Level World History

Reading: *A Little History of the World* by E. H. Gombrich

Assessment: Multiple Choice Test

Class: Honors World History

Reading: *An Edible History of Humanity* by Tom Standage

Assessment: Multiple Choice Test

Class: AP World History

Reading: *The Human Web: A Bird's Eye View of World History* by J.R. McNeill and William H. McNeill. Students will only read the first 3 chapters.

Assessment: Study guide & quiz using the study guide

AP Electives:

Class: AP European History

Reading: *A Distant Mirror* by B. Tuchman

Assessment: Graphic organizer and essay – see Walton webpage for details.

Class: AP Art History

Reading: *A Little History of the World* by E.H. Gombrich

Assessment: Email Jennifer.west@cobbk12.org for details

Mathematics

All students enrolled in a GSE mathematics course (9-12th grade, non-AP courses) will have a summer packet to complete prior to the first day of school. These will be available on the Mathematics Department page of the Walton website at the end of this school year.

Post-Secondary Planning

At Walton, approximately 98% of our students attend either a two year or four year college upon graduation. This figure remains steady with each graduating class. All students at Walton are encouraged to take challenging courses that will prepare them for whatever post secondary school they desire to attend. Colleges prefer to admit students who demonstrate a willingness to attempt higher level classes, such as AP and Honors. Success in these classes is evidence to admission committees that a student has what it takes to succeed and excel at their institution as well. In addition to the rigorous coursework, SAT and ACT scores are important to many schools as a measure of how well a student will do once they are in college. Other very important factors include the essay(s) and extracurricular involvement while in high school.

The College Corner at Walton is open every day to juniors and seniors. There are seven computers available for students to use to begin the college search process, research programs of study, work on applications and essays, and check the status of their applications. Students may also set up individual appointments to obtain assistance on beginning the college search, choosing colleges, preparing for interviews and career exploration. In addition to live help, there are also numerous books and publications for student use on all aspects of applying, test taking, and funding for college.

College admissions representatives visit Walton throughout the year. These visits provide a personal touch that may not be available in a school's literature. Representatives inform students about the school's admissions process and deadlines, campus life, housing, majors available and scholarships. Students have the ability to ask questions and this is often a chance for students to meet the person who will read their application in the future. Students must register via Naviance at least 48 hours in advance and print the email reminder to present to teachers.

Walton School Counselors offer a comprehensive informational session on college preparation for parents of juniors in the spring each year and for parents of seniors in the fall. There is also a Financial Aid Night for parents of seniors held in November each year to help simplify the financial aid process. A representative from the Georgia Student Finance Commission and a Walton school counselor address all aspects of financial aid from the HOPE scholarship, the FAFSA, CSS Profile and loans and grants.

Walton also hosts the PROBE college fair held in September each year at North Point Mall. This is an excellent opportunity to visit with college representatives and to obtain materials from over 160 colleges that send admissions representatives to the fair.

NCAA Clearinghouse

Students who are interested in playing a sport on the collegiate level must register with the National Collegiate Athletic Association (NCAA) prior to communication and official visitation for recruiting purposes. This registration is usually done in the spring of the junior year; however, it can be completed earlier. To register, go to : www.eligibilitycenter.org, click the box marked, "NCAA COLLEGE-BOUND, STUDENT-ATHLETE." Under the Resources Tab, click "U.S. Students." Follow the steps for registration. It is important to verify the current requirements as NCAA only recognizes those courses a student took during their 4 years of high school. Eighth grade courses are not calculated in eligibility. For example, if a Division I school requires two years of the same foreign language and a student takes one year in 8th grade and one year in ninth grade, they are missing 1 year on the high school level. Additionally, the NCAA will not recognize online courses taken as "credit recovery, Novanet or test out." Please consult your counselor before taking any online course.