

Bolton High School



Course Description Catalog 2010-11

Home of the Wildcats



Bolton High School

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This catalog's purpose is to inform stakeholders of the Tennessee State Department of Education (TDOE) Graduation Requirements and the Bolton High School Curriculum.

Please Note: *While every effort will be made to advise students of academic requirements, it is the student's responsibility to enroll and to pass the courses needed to meet graduation requirements.*

BHS Mission Statement: *"The guiding principle of Bolton High School is the development of the individual youth for a purposeful life. Our mission is to help students achieve their potentials and acquire the knowledge, skills and attitudes necessary to become productive citizens."*

Shelby County Schools offers educational and employment opportunities without regard to race, color, national origin, religion, sex, or disability.

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PATHS, CLASSIFICATION, GRADES, DIPLOMA

Regular High School diplomas are awarded based on successful completion of all units passed successfully. Gateway exit exams are mandatory and need to be passed at a proficient level or advanced proficient level for students in graduating classes 2009, 2010, 2011, and 2012.

Tennessee Diploma Project-Requirements for graduating class of 2013, and students thereafter:

English/Language Arts	4 units
Mathematics (beginning with Algebra 1)	4 units
Science	3 units
Social Studies	3 units
Wellness/P.E.	1 1/2 units
Personal Finance	1/2 unit
Foreign Language	2 units
Fine Arts	1 unit
**Focused Plan of Study	3 units
Total for graduation	<u>22 units</u>

**** A focused plan of study is in a specific concentration area students choose. Three (3) credits must be successfully completed for graduation in the focused plan. Focused plans to choose from begin on page 40.**

For graduating classes 2010, 2011, & 2012-

All students are required to choose a path to meet graduation requirements.

The University Path: This path is designed to satisfy admission requirements for most colleges and universities. The requirements are:

English/Language Arts	4 Units
Mathematics (Minimum Requirements: Algebra I, Unified Geometry, Algebra II)	3 Units
Science (Physical Science and Above)	3 Units
United States History	1 Unit
World Geography or World History	1 Unit
Economics	1/2 Unit
United States Government	1/2 Unit
Wellness	1 Unit
Fine Arts (Band, Choir, Art or Theatre Arts)	1 Unit
Same Foreign Language	2 Units
Electives	3 Units
Total Credits	20 UNITS

The Technical Path: This path is for students who want to concentrate in a technical area. Students must earn **4** credits in the same technical area. The requirements are:

English/Language Arts	4 Units
Mathematics (Minimum Requirements: (Math Foundations II, Algebra I, Unified Geometry)	3 Units
Science	3 Units
United States History	1 Unit
World Geography or World History	1 Unit
Economics	1/2 Unit
United States Government	1/2 Unit
Wellness	1 Unit
Related Technical Area (<u>MUST CHOOSE ONE AREA FOR CONCENTRATION</u>)	4 Units
Electives	2 Units
Total Credits	20 Units

Areas of concentration include: Agriculture/Horticulture, Automotive Technology, Business Information Technology, Construction Technology, Cosmetology, Early Childhood Education, Health Science and Marketing.

The Combination Path: This path is for students who want to attend a college or university and concentrate in a technical area. Students must earn **4 credits** in a related technical area.

English/Language Arts	4 Units
Mathematics (Minimum Requirements: (Algebra I, Unified Geometry, Algebra II)	3 Units
Science	3 Units
United States History	1 Unit
World Geography or World History	1 Unit
Economics	1/2 Unit
United States Government	1/2 Unit
Wellness	1 Unit
Fine Art (Band, Choir, Art, Theatre Arts)	1 Unit
Same Foreign Language	2 Units
Related Technical Area (<u>MUST CHOOSE ONE AREA FOR CONCENTRATION</u>)	4 Units
Total Credits	21 Units

**Grade Classification Based on Earned Credits for those who are on the university,
combined, or technical path system**

Grade 9	Any student who has less than 5 Units.
Grade 10	5 Units/Students must pass English I to be promoted to the 10 th grade.
Grade 11	10 Units/Students must pass English I & English II to be promoted to the 11 th grade
Grade 12	14 Units/Students must pass English I, English II & English III to be promoted to the 12 th grade.

To be classified as a senior, the student must be enrolled in English IV and subjects required to meet the graduation requirements. Students will **not** be promoted to the 12th grade unless they have earned 14 credits and have met all English requirements.

Students will only be allowed to participate in commencement exercises if they fulfill all graduation requirements by the graduation date. Summer graduates will not be allowed to participate in commencement exercises.

Transfer Students

Transfer students are required to meet TDOE graduation requirements including Gateway Exams in Algebra I, Biology and English II. To participate in the commencement exercises, they must fulfill the requirements by the graduation date. Exit exams from other states cannot be substituted for the Tennessee Gateway Exams. **Not all credits are transferable nor do all credits that transfer satisfy graduation requirements.**

Grading Scale

Grades are expressed in numerical terms. Letter/numerical equivalents are:

A= 93-100 B= 85-92 C=75-84 D=70-74 F=Below 70

*Additional points are added to 9-week and semester exam grades for **honors and advanced placement** level course work. Five (5) points will be awarded for advanced placement and three (3) points for honors. Class rank is recalculated at the end of each semester through the end of 7th semester. Students are ranked on the 4-point system for all registered courses.*

GENERAL INFORMATION

School Characteristics

Bolton High School was originally opened as Bolton College in 1887. The land (113 acres) was part of the Wade Bolton Estate. It was established as a Shelby County high school in 1910. The current student body is drawn from Bartlett, Lakeland, and unincorporated areas of Northeast Shelby County.

Course Selection

Please take time to carefully select courses and value their importance. Questions should be directed to the appropriate grade level counselor. Please note the following:

- Students who register for honors and/or advanced placement courses must receive a teacher recommendation. This recommendation process is on the course verification form that is sent home in the Spring once students pre-register for courses.
- **Students who wish to apply for induction into the National Honor Society must have at least one Honor's Course before submitting their application. Students will be held to the Honors/AP contract for the school year.**
- Courses will be selected prior to spring break each year. Courses listed in this catalog are subject to change annually. Course offerings for each school year depend upon student registration and TDOE requirements.

Registration

Regular registration occurs each year according to the SCS school calendar. Students who fail to participate in the registration process will have their schedules dropped and be required to re-register. New students must provide two proofs of residency, a copy of their last report card and/or transcript, a shot record, a birth certificate, and custody information (if student does not live with both biological parents). New students can register during the summer months or on registration day (TBA/August). The summer hours for new students to register will be available on the internet at <http://www.scsk12.org/SCS/high/Bolton>

Add/Drop Policy

A request to drop an elective course does not constitute approval to drop that course. Final approval to add or drop courses will be granted only in very unusual circumstances at the Vice Principal's discretion.

The Tennessee Board of Education requires that all students be enrolled in courses (5) that will produce at least five credits towards graduation each school year (2.5 per semester), even if fewer credits are needed for graduation.

FOUR-YEAR PLAN WORKSHEET (for students enrolled in high school prior to 2009).

Four-Year Plan

Students are required to complete a four-year plan. This plan will be completed during the registration process in the spring of the 8th grade and will become part of the student's record throughout high school. This plan is reviewed yearly between the grade-level counselor and the student once they are enrolled in high school. A new four (4) year plan is being developed for upcoming 8th graders (diploma project) at this time and will be added once finalized.

Student Name: _____ Social Security Number: _____

Graduation Path/Circle One: University Technical Combined

List area for concentration if you are on the Technical or Combined Path: _____

Concentration areas: Agriculture/Horticulture, Automotive Technology, Construction Technology, Cosmetology, Early Childhood Education, Family and Consumer Sciences, Health Sciences, Information Technology, Marketing.

9 th Grade	10 th Grade
English _____	English _____
Math _____	Math _____
Science _____	Science _____
Wellness _____	World History/El. _____
World Geog./El. _____	El. _____
El. _____	El. _____
Alternate course _____	Alternate course _____
Summer school _____	Summer school _____

11 th Grade	12 th Grade
English _____	English _____
US History _____	Economics/U.S. Gov _____
Math _____	El. _____
Science _____	El. _____
El. _____	El. _____
El. _____	El. _____
Alternate course _____	Alternate course _____
Summer school _____	Summerschool _____

University Path
 English..... 4 units
 Math (Algebra I,
 Geometry, Algebra II).. 3 units
 Science.....3 units
 U.S. History.....1 unit
 W.Geog. or W. Hist.....1 unit
 Economics.....1/2 unit
 U.S. Government.....1/2 unit
 Economics.....1/2 unit
 Wellness.....1 unit
 Fine Arts.....1 unit
 Same Foreign Lang.....2 units
 Electives.....3 units
Total.....20 units

Technical Path
 English.....4 units
 Math (must include
 Alg. I, Geometry)..... 3 units
 Science.....3 units
 U. S. History.....1 unit
 W. Geog. or W. Hist.....1 unit
 Economics.....1/2 unit
 U. S. Government.....1/2 unit
 Wellness.....1 unit
 Technical area.....4 units
 Electives.....2 units
Total.....20 units

Combined Path
 English.....4 units
 Math (Alg. I,
 Geom., Alg. II).3 units
 Science.....3 units
 U. S. History.....1 unit
 W. Geog. or
 W. Hist..... 1 unit
 U. S. Gov.....1/2 unit
 Wellness.....1 unit
 Fine Arts.....1 unit
 Same Forgn Lang...2 units
 Technical Area.....4 units
Total.....21 units

ACT: College Readiness Recommendations

ACT is a not for profit organization that provides testing to assist students in making the transition from secondary school to college or the world of work. Most students take the ACT their Junior year of high school. The information that follows comes from ACT: College and Career Readiness Workshops, 2009 Resource Manual.

The ACT test contains four curriculum based, multiple choice tests that measure academic achievement in English, mathematics, reading, and science. More specifically, ***English*** deals with Usage/Mechanics: punctuation, grammar/usage, sentence structure; Rhetorical Skills: strategy, organization and style; ***Reading*** deals with prose fiction, humanities, social studies, and natural sciences; ***Mathematics*** deals with pre-algebra, elementary algebra, intermediate algebra, coordinate Geometry, Plane Geometry, and Trigonometry; ***Science*** deals with Biology (Data Representation), Earth/Space Science (Research Summaries) and Chemistry and Physics (Conflicting Viewpoints). There is also an option of a writing section. Prompt is given and the writer states a position.

Based on the above information, ACT recommends students to take core courses in preparing for College Readiness. These core courses are as follows (BHS offers the courses in bold). **English 9, 10, 11, & 12, Humanities, US Government, US History, World History, Economics, Psychology, Anthropology, Sociology, Algebra I, Geometry, Algebra II, College Algebra, Trigonometry, Biology, Chemistry, Physics, Astronomy, & Earth/Space Science.**

Other tests associated with the ACT but are performed at lower grade levels are the PLAN test (10th grade) and the EXPLORE test (8th grade). These tests are “predicators” of ACT test results and serve a twofold purpose: 1) to see how individual students are performing and 2) to see what adjustments have to be made in preparing students for a more rigorous curriculum in preparing them for college readiness.

Helpful Websites:

www.act.org

www.actstudent.org

www.act.org/research/policymakers/pdf/benchmarks.pdf

www.act.org/parent

www.act.org/qualitycore

PART I

The General Curriculum

Please pay attention to necessary course prerequisites before selecting your path and/or individual courses. These courses are open for everyone throughout the registration process.

BUSINESS EDUCATION

3710A1G Keyboarding-1/2 Credit Grades 9-12
Keyboarding is a course designed to develop basic skills in operating the computer keyboard. **A lab fee is associated with this class.**

Prerequisite(s): None

3706A1G American Business/Legal Systems-1/2 Credit Grades 10-12
This course is designed to provide students with a study of the principles of law frequently occurring in business transactions. **Prerequisite(s): None**

3709A1G Business Principles-1/2 Credit Grades 10-12
This course is designed to provide students with the basic understanding needed for intelligent interpretation of the needs of consumers for goods and services.

Prerequisite(s): None

3721A1G Computer Applications-1/2 Credit Grades 10-12
Computer Applications studies the practical use of microcomputers for business and personal use.

A lab fee is associated with this class.

Prerequisite(s): Keyboarding

3741A1G Desktop Publishing-1/2 Credit Grades 10-12
Skills applying keying, formatting, typography, layout and design skill in developing electronic publishing documents will be taught.

A lab fee is associated with this class.

Prerequisites: Keyboarding and Computer Applications

3701B1G Accounting I-1 Credit Grades 10-12
Accounting I is a basic course in accounting theory and practice. Applied practice will

also occur with the use of an accounting workbook.

Prerequisite(s): None

3701B1H Accounting II-1 Credit

Grades 11-12

Accounting II is an advanced class that builds upon the principles and practices of Accounting I. Emphasis is placed on forms of business ownership, managerial and cost accounting. **Prerequisite(s): Accounting I**

3713A1G Financial Planning-1/2 Credit

Grades 11-12

Financial Planning is a course that analyzes the various ways individuals can invest money. 401k's, stock options, certificates of deposits, hedgefunds, and other investments will be studied.

3722B1G Basic Programming-1 Credit

Grades 10-12

This course includes introduction to computer programming using Basic or similar high-level language. Students also study the history of computers, learn to write structured programs, and work independently at an advanced level to solve assigned programming problems. **A lab fee is associated with this class. Prerequisite(s): Minimum grade of 77 or better in Algebra I and Keyboarding or Computer Applications.**

3758B1G Website Foundations

1 Credit

Grades 10-12

This course prepares students with work-related skills for advancement into postsecondary education or industry. Course content includes exposure to basic Web Design and the dynamics of networking/Internetworking, Web hosting, and Web design in e-commerce. **Prerequisite:** Keyboarding/Computer Applications.

ENGLISH

Students must be recommended for honors courses. Students who enroll in an advanced placement course must complete an application process. The student is responsible for the purchase of all outside reading materials.

3001B1G English I Standard-1 Credit

Grade 9

Standard freshman English is designed for students to refine their knowledge of grammar, develop their composition skills, analyze literature and expand their working vocabulary. **A research paper is required. Prerequisite(s): None**

3001B1H English I Honors-1 Credit

Grade 9

Honors English places an emphasis on various methods of developing expository paragraphs and themes, critical approaches to literature and the study of vocabulary. **Presentation of research material will be included. Summer reading and a research paper is required. Students must be recommended for this course. Prerequisite(s): None**

GATEWAY COURSE/GRADUATION REQUIREMENT

All students enrolled in the English II and English II Honors will take the Gateway Exam. Students must score at a proficient level on this exam in order to graduate.

- 3002B1G English II Standard-1 Credit Grade 10
English II assists students with composition writing, grammar usage and analysis of world literature. **A research paper and outside readings are required.**
Prerequisite(s): English I
- 3002B1H English II Honors-1 Credit Grade 10
English II Honors is designed for students who have mastered grammar, writing skills and are accomplished readers. An emphasis is placed upon formal writing, vocabulary, and critical evaluation of world literature. **A research paper is required. A student must be recommended for this level.**
Prerequisite(s): English I
- 3009A1E Etymology-1/2 Credit Grades 10-12
Etymology is designed to instruct students to recognize Latin and Greek word elements thereby making the knowledge of them an effective tool for increasing vocabulary.
Prerequisite(s): None
- 3012A1G Creative Writing- 1/2 Credit Grades 10-12
Creative Writing is an elective course for students who want to improve their skills in writing short stories, poems and narratives. **Prerequisite(s): None**
- 3003B1G English III Standard-1 Credit Grade 11
This survey course has students explore American Literature and includes written preparation for the TCAP Writing Assessment Test. **A research paper is required.**
Prerequisite(s): English I & English II
- 3003B1H English III Honors- 1 Credit Grade 11
English III Honors is designed for students who have mastered writing and grammar skills. An emphasis is placed on writing, vocabulary and critical evaluation of American Literature. This course also prepares students for the TCAP Writing Assessment Test. **A research paper, and outside readings are required. Students must be recommended.**
Prerequisite(s): English I & English II
- 3013B1P AP English III- 1 Credit Grade 11
AP English III is designed for students who wish to have the opportunity to gain college credit by taking the AP exam in language and composition at the end of the school year. **AP Fees are attached to this course. Students must be recommended.**
- 3097A16 ACT Prep: English- 1/2 Credit Grades 11-12
This course helps students review the various English topics (grammar, reading

comprehension, sentence completion) in preparation for the college entrance exam, the ACT. **Prerequisite(s): None**

3099A1A African-American Literature-1/2 Credit Grades 11-12
African-American literature helps develop an appreciation for African-American culture through the exploration of literary master works that shape and influence America. **This course is an elective course and will not count as one of the four courses in English required for graduation. Prerequisite(s): None**

3197A16 ACT Prep: English-1/2 Credit Grades 11-12
This course helps students review the various English topics (grammar, reading comprehension, sentence completion) in preparation for the college entrance exam, the ACT. **Prerequisite(s): None**

3099B1U Humanities -1 Credit Grades 11-12
This class is for the motivated Junior and/or Senior. This class is an exploration of creativity as expressed in music, philosophy, literature and/or the visual and performing arts of the Western tradition. Emphasis is on the development of aesthetic values within an historical framework. Attendance at cultural events and an individual project may be required (Art / English / Social Studies).

3005BIG English IV Standard-1 Credit Grade 12
English IV standard is a survey course that covers British literature and modern literature. There is an emphasis on grammar reinforcement, composition writing and a research paper. **Prerequisite(s): English I, English II & English III**

3005B1D English IV Dual Enrollment-1 Credit plus College Credit Grade 12
Bolton High School has partnered with The University of Memphis to offer Freshman University level Composition English as a dual enrollment course. Successful class completion provides the 6 hours of college English AND fulfills the senior English requirement. Since The University of Memphis is a Tennessee Board of Regents school, students should check with the university they plan to attend to see how college credits will transfer. *Admission requirements: A score of 100 points (admission score = 30 X GPA + ACT composite), and an ACT English sub-score of at least 19. *Requirements and costs are subject to change (by the TSAC and U of M). For the 09-10 school year, through the Tennessee Student Assistance Corporation (lottery), students paid textbook costs and \$85 tuition per semester, as long as the student earned at least a "B" for first semester. Students scoring lower than a "B" the first semester lost the Dual Enrollment Grant. They were required to pay the full \$385 tuition for the second semester.*

3005B1H English IV Honors-1 Credit Grade 12
This course is for students who have mastered writing and grammar skills of their grade level. Emphasis is placed on writing, vocabulary, and critical evaluation of British literature. **A research paper and outside readings are required. Students must be recommended. Prerequisite(s): English I, English II & English III**

3014B1P AP English IV-1 Credit Grade 12
This course provides an intensive study of British literary works and authors. Appropriateness and correctness of expression are taught, with an emphasis on creativity and reasoning. Students will do supplemental readings that will be used for writing assignments and literary discussion. **Students must take the AP exam in the spring and a fee is required. Prerequisite(s): English I, English II & English III Honors**

3008B4Y Journalism- Yearbook-1 Credit Grades 10-12
Students in this course will be responsible for the school yearbook production. **Students must submit an application to and be accepted by the yearbook advisor. Students can enroll in this course yearly beginning 10th grade year earning a credit annually upon successful completion. Prerequisite(s): None**

30088B4N Journalism-Newspaper-1 Credit Grades 10-12
This course is designed for students interested in producing a school newspaper. The student must be able to type, write or be skillful in the areas of graphics and/or photography. **Students must submit an application and be accepted by the instructor. Students can enroll in this course yearly beginning 10th grade year earning a credit annually upon successful completion. Prerequisite(s): None**

FINE ART/INSTRUMENTAL MUSIC

- Band courses are offered yearly in these areas: Brass, Percussion, and Woodwinds. **Students are admitted to the band program by recommendation of their middle school band director and/or audition and/or permission of the instructor.** Incoming students who have questions on expectations and auditions should contact the band director at 873-8150, Ext. 225 or by email: director@boltonband.org.

Expectations of all Band Members:
Fall semester-

- Full participation in the performance schedule as members of the “Pride of the Wildcats” marching band.
- October audition for placement in the Bolton Concert or Bolton Symphonic Band.
- Learn and be prepared to audition for All-West Tennessee Honor Band.
- Participation in the Solo & Ensemble Festival.
- Individual practice time of 30 minutes a day.

Students can enroll in these courses yearly beginning 9th grade year earning a credit annually upon successful completion. Course numbers are as follows:

3530B4B Brass-1 Credit Grades 9-12
3530B4D Percussion-1 Credit Grades 9-12

3530B4W Woodwinds-1 Credit Grades 9-12

3530A4C Color Guard (Band)-1/2 Credit Grade 9-12

The color guard functions as an auxiliary group with the "Pride of the Wildcats" marching band. Please read and understand the following:

- Auditions are held in the spring semester and meets as a separate course during the fall semester. Previous color guard experience is helpful, but not required.
- Equipment is provided through efforts of the Bolton Band Boosters. **Guard members are required to purchase some uniform parts.**
- For more information, contact the Bolton band director at 873-8150, Ext. 225.
- **Note: Students must be admitted to the band program through instrumental auditions before they are allowed to audition for color guard.**
- Students will be placed in an instrumental class during second semester.

Students can enroll in this course each year beginning 9th grade year earning a .5 credit annually upon successful completion. Prerequisite(s): Audition

35304J Jazz Techniques (Band)-1/2 credit Grade 9-12

Jazz techniques is an introduction to jazz literature of all styles, jazz music history, music theory, small and large ensemble techniques and introduction to improvisation **Students must have permission from the instructor. Students can enroll in this course yearly beginning 9th grade year earning a .5 credit annually upon successful completion.**

Prerequisite(s): None

FINE ARTS/VOCAL MUSIC

For vocal music classes the following applies: **An audition is required (except for 3531B4M). Attendance is mandatory at all scheduled performances and dress rehearsals. Students must purchase necessary materials. There is a fee associated with this course. Students can enroll in this course yearly beginning 9th grade year earning a credit annually upon its successful completion.**

3531B4M Chorus (mixed)-1 Credit Grades 9-12

This beginning choir course is open to everyone. Basic music fundamentals will be taught and applied through singing, music theory, and ear training. **Prerequisite(s): None**

3531B4S Chorus (Women or Men)-1 Credit Grades 9-12

This level chorus is a beginning chorus open to all students who audition and are selected. Basic music fundamentals will be taught and applied through singing, music theory, and ear training.

Prerequisite(s): Audition

3531B4R Chorale -1 Credit Grades 9-12

All students in this advanced chorus class must have a working knowledge of the basic fundamentals of music and are comfortable in a concert atmosphere. Concert Choir

will perform at 2-3 school concerts: the Shelby County Combined Choruses Concert, and any extra-booked performances. **Attendance is mandatory for after-school concerts, competitions and scheduled rehearsals. Chorale members are required to participate in All-West Honors Chorus auditions, Solo and Ensemble Festival, and the West Tennessee Senior High Choral Competition. An audition is required and students must be recommended for the course. Students must purchase their performance attire and necessary materials. A fee is associated with this course. Students can enroll in this course yearly beginning 9thth grade year earning a credit annually upon its successful completion.**

Prerequisite(s): Audition

3531B4J Show/Jazz Choir-1 Credit Grades 9-12

Students in this advanced choir must have a working knowledge of the music fundamentals and previous vocal experience. Students are taught various jazz and vocal techniques. The ensemble performs throughout the Mid-South area. **Attendance is mandatory for all performances and scheduled rehearsals. Audition is required and students must be recommended for the course. Students must purchase their performance attire and necessary materials. A fee is associated with this course. Students can enroll in this course yearly beginning 9th grade year earning a credit annually upon its successful completion. Prerequisite(s): Audition**

FINE ARTS/THEATRE ARTS

3520B1C Theatre Arts (Speech/Communication)-1 Credit Grades 9-12

Speech communication introduces the student to basic public speaking techniques essential to all professions. **This class serves as a prerequisite for TV Production and is recommended as a prerequisite for Acting.**

3521A1T Theatre Arts (Introduction to Theatre)-1/2 Credit Grades 9-12

This introductory class deals with elements of theatre, history of theatre and practical aspects of technical theatre (general safety, scenery, lighting, sound, costumes, and make-up). This course is recommended as a prerequisite to acting. **Ninth grade students are required to register for both 3521A1T and 3522AIT.**

3522A1T Theater Arts (Introduction to TV/Film)-1/2 Credit Grades 9-12

This introductory class deals with film evaluation aimed towards better understanding movies. Students will view various classic films and will identify TV viewing habits, programming formats and basic scheduling strategies. **This is a prerequisite to TV Production. Ninth grade students are required to register for both 3521A1T and 3522AIT.**

3521B4A Theatre Arts (Acting)-1 Credit Grades 10-12

This course is designed for performance-oriented students. It examines practical and theoretical approaches to performance including improvisational acting, acting styles, and

acting scenes. **Students will be required to critique live theatrical performances in the Memphis area. Students are required to perform in the Afternoon of One-Acts scheduled second semester. Introduction to Theatre (3521A1T) is recommended. Students can enroll in this course yearly beginning 10th grade year earning a credit annually upon successful completion. Prerequisite(s): None**

* Each student is required to sell two business and personal adds for the Spring Musical in lieu of a participation fee set by the director's and depending on the royalty costs of the production. This requirement is for 3521B3V and 3521B3W.

3521B3V Theatre Arts (Advanced Acting)-1 Credit Grades 11-12
This course provides a workshop setting to learn advanced techniques and gain practical experience in all theatrical phases. Each student will prepare an individual course of study. **This course requires after school hours and is strictly performance oriented. Students must be recommended for this course.**
Prerequisites: Theatre Arts (Acting)

3521B3W Theatre Arts (Production Workshop)-1 Credit Grades 11-12
This course provides a workshop setting to further enhance and fine tune previous acting courses. It is the culminating acting and theatre course. Each student will prepare an individual course of study. **This course requires after-school hours and is strictly performance oriented. Students must be recommended for this course.**
Prerequisite(s): Theatre Arts (Advanced Acting)

3523B1X Theatre Arts (TV Production Workshop)-1 Credit Grades 10-12
TV Production Workshop provides opportunities for video expression. The course is performance oriented, providing practical experiences of airing magazine newscasts. This course requires a willingness to work after school and to implement marketing/advertisement projects. **Students who enroll in this course must complete an application process. Prerequisites: Any other Theatre Arts Course.**

3522B3V Theatre Arts (Advanced Film & Video)-1 Credit Grades 11-12
Advanced Television Production is performance oriented that provides practical experience of producing independent video projects, (i.e. The Senior Video, sports packages, and music videos). Students will also mentor beginning TV classmates with projects. This course requires a willingness to work after-school and to implement marketing/advertisement projects.
Prerequisites: TV Production Workshop or a senior with teacher permission.

3560B1W TH Arts- Acting Workshop- 1 Credit Grades 12
This is an advanced acting class that is the culminating Senior course in Theatre. Students understand the intricacies of all aspects of theatre and are serious minded about performance and stage-productions. **Prerequisites: Advanced Acting.**

FINE ARTS/VISUAL ART

Students must be recommended for honors courses. Students who enroll in an advanced placement course must complete the application process.

All art classes have fees that are associated with them.

3501B1G Art I-1 Credit

Grades 9-12

Art I is an introductory course in visual art that also covers art history, the elements of art and design principles. **This is a prerequisite for all other art classes.**

Prerequisite(s): None

3502B1G Art II-1 Credit

Grades 10-12

Art II is an introductory studio art course in which in-depth studies of art elements and design principles are emphasized. Art concepts are experienced through hands-on projects such as still life drawing, figure study, collages, calligraphy, perspective studies, various simple three-dimensional projects, and written work. **This is a prerequisite to other studio art courses. Completion of Art I with a B average is recommended.**

Prerequisite(s): Art I

3502B1M Graphic Media-1 Credit

Grades 11-12

This is for the student who wants to explore Photography, Design Layout, Digital Imaging and Web Design from an artistic point of view on Macintoshes. Students must have completed Art II and/ or 10th grade English and be ready to produce examples of their work from those years. The Arts and Literature Magazine will be an outcome of this class (Art / English / Technology). **Prerequisite(s): Art II**

3515B1G Art History-1 credit

Grades 11-12

This class is for students who want to explore history in the light of art. The class will cover prehistory to the present day. Memorization of artworks in the context of history is required. **Prerequisite(s): Art II**

3503B1G Art III-1/2 Credit

Grades 11-12

Art III focuses on individual expression and style development by the study of advanced techniques. Students will explore the possibilities of various media: drawing, painting, computer graphics, and sculpture. **Completion of Art II with a B average is recommended. Students must present a portfolio and be recommended by an art instructor. Summer assignments are required.**

Prerequisite(s): Art I and Art II

3504B1H Art IV Honors -1 Credit

Grade 12

Art IV furthers the quest for individual expression by focusing on preferred media. It is an advanced art course for self-motivated students. A complete portfolio presentation for post- secondary studies will also be developed. **Students must present a portfolio and be recommended by the instructor. Summer assignments are required.**

Prerequisite(s): Art I, Art II and Art III

3506B1P AP ART-1 Credit

Grade 12

Advanced Placement Art is for students desiring to achieve college credit and/or for the gifted in the visual arts. Advanced Placement Art can be chosen from the following concentration areas: AP Art Studio--Drawing; AP Art Studio--2-Dimensional; AP Art Studio--3-Dimensional. Three areas in studio classes are required for the AP Portfolio: quality, breadth and concentration. **Students must present a portfolio, be recommended by the instructor and complete the application process. Summer assignments are required. Students are required to take the AP exam in the spring. A fee is required.**

Prerequisite(s): Art I, Art II & Art III. Students must have an 86 average in Art III

FOREIGN LANGUAGE

Foreign Language students should demonstrate English mastery. **It is recommended that ninth grade students have a C average in 8th grade Language Arts to enroll in a foreign language. Students must be recommended for the honors courses.**

304B1G French I-1 Credit

Grades 10-12

French I introduces students to the primary fundamentals of the spoken and written French language, vocabulary and grammatical structures. Students conclude their year with an in-depth study of *Cyrano de Bergerac* (in English).

304B1H French I Honors-1 Credit

Grades 9-12

Students study more advanced grammatical structures than French I with a faster pace. An emphasis is placed on articulation of the French language both in speaking and in writing. **Ninth grade students should have at least a B average in 8th grade English and/or be recommended for any other honors level course to enroll in French I Honors.**

3042B1G French II-1 Credit

Grades 10-12

French II continues to develop French language skills. Advanced grammatical structures are the primary focus, along with a heavy emphasis on sustained comprehension of longer listening passages and reading material. Students also study a French novel (in English). **Prerequisites: French I**

3042B1H French II Honors-1 Credit

Grades 10-12

This course is for students who have demonstrated proficient ability in French I Honors or who have demonstrated superior ability in French I. Students hold lengthier conversations and write longer French passages. Students continue learning advanced vocabulary and grammar. Students will read and study a French play and a French novel (both in English). **Students must receive approval from their French I teacher to enroll in this course.**

Prerequisites: A average in French I; French I Honors average of an A/B.

3043B1H French III Honors-1 Credit

Grades 11-12

Students study French history (prehistory-1800s). An intensive reading list that includes

The Gallic War, La Chanson de Roland, Tristan and Iseult, Le Cid, Le Bourgeois Gentilhomme and *Candide* will be implemented. New vocabulary and grammatical structures are introduced via the readings. **Their French II teacher must recommend students. Prerequisites: French I and II, preferably honors**

3044B1H French IV Honors-1 Credit Grade 12
Students finish their historical and literary study of France. Students then focus on modern social issues in France and the francophone world. Students will write essays in French and discuss French current events. **Their French III teacher must recommend students. Prerequisites: French I, II (preferably honors) and III.**

3051B1G German I-1 Credit Grades 10-11
German I students study the understanding of the spoken and written German language and its culture. An emphasis is on basic vocabulary, grammar, oral/reading comprehension and pronunciation. **Prerequisite(s): None**

3051B1H German I Honors-1 Credit Grades 9-11
German I Honors is designed for linguistically talented students. German grammatical structures and vocabulary are taught in a context that emphasizes communication skills in listening, speaking, reading and writing. German I Honors is for students who wish to pursue more than the required two years of a foreign language. **English instructor must recommend students for this course. Recommendations by 8th language arts teachers are needed for upcoming 9th graders.**

3052B1G German II-1 Credit Grades 10-12
German II emphasizes advanced grammar, vocabulary and oral/reading comprehension. Additional materials including videos and tapes are used to enrich the learning experience. **Prerequisite(s): German I**

3052B1H German II Honors-1 Credit Grades 10-12
German II Honors is for students who have demonstrated superior ability in German I. Students will move rapidly through the textbook material and will assimilate additional information as well. Short story readings and research assignments will be required. **Students must be recommended by their German I teacher. Prerequisite: German I**

3053B1H German III Honors-1 Credit Grades 11-12
German III Honors explores more advanced studies of grammatical structures. Oral and speaking proficiency is stressed. Students will be further introduced to German literature by reading short stories and a novel. **A teacher recommendation is required. Prerequisite(s): German I & II**

3054B1H German IV Honors -1 Credit Grades 11-12
German IV is the culminating German class. Oral and speaking proficiency is stressed. Students will explore German literature by reading short stories and a novel chosen by

the teacher. **A teacher recommendation is required. Prerequisite(s): German I, II & III**

* A fee is associated with all Latin Courses.

3031B1G Latin I-1 Credit Grades 10-12
Latin I emphasizes the language, history, and culture of the ancient Romans. Latin I stresses grammar, vocabulary, mythology, and culture. Latin studies benefit the student in areas of English vocabulary and grammar. **All students are required to take the National Latin Exam in March. Prerequisite(s): None**

3031B1H Latin I Honors-1 Credit Grades 9-11
Latin I Honors is for students who have an above average language aptitude. Students who desire an intense Latin curriculum should take this course. Vocabulary derivatives and translations from Latin to English and English to Latin are emphasized. This course also focuses on the Roman culture. **Students are required to take the National Latin Exam. Prerequisite(s): A/ B average in 8th grade language arts and recommendation of the language arts teacher. If students wish to enroll in Latin I Honors after the ninth grade, they must be recommended by their English teacher.**

3032B1G Latin II-1 Credit Grades 10-12
Latin II deepens the student's study of the Latin language with continued emphasis on translation skills, grammatical structure, vocabulary, history, mythology and the Roman culture. **An average in Latin I of C or better is recommended. Students are required to take the National Latin Exam in March. Prerequisite(s): Latin I**

3032B1H Latin II Honors-1 Credit Grades 10-12
Latin II Honors is an advanced study of Roman culture, grammar, vocabulary, and derivatives, sentence structure and composition. Students read and translate advanced passages from Latin authors. **Students are required to take the National Latin Exam. Prerequisite(s): Recommendation of the Latin I teacher.**

3033B1H Latin III Honors -1 Credit Grades 11-12
Latin III examines the political and social climate of ancient Rome during the late Republic and early Empire. Students will read extensively the works of ancient Roman authors. The textbook contains only original Latin reading without editorial simplification. The readings are supplemented with a continuing study of Roman history. **Students are required to take the National Latin Exam in March. Prerequisite(s): Latin I and II. Latin II teacher recommendation required. Students will not be recommended unless they have a B average in Latin II.**

3021BIG Spanish I-1 Credit Grades 10-12
Spanish I students explore the understanding of the spoken and written Spanish language. There is an emphasis on basic vocabulary, grammar, oral/reading comprehension and pronunciation. Students are also introduced to the culture and geographical aspects of Spanish speaking countries. **Prerequisite(s): None**

3021B1H Spanish I Honors-1 Credit Grades 9-11
Spanish I Honors is designed for linguistically talented students. Grammatical structures and vocabulary are taught in a context that emphasizes communication skills in listening, speaking, reading, and writing Spanish. Students will be required to purchase a novel. **Ninth grade students must have a B average in eighth grade language arts and be recommended by their language arts teacher.**
Prerequisite(s): None

3022B1G Spanish II-1 Credit Grades 10-12
Spanish II stresses grammar and vocabulary. Cultural awareness will be emphasized and the development of proficiency in reading, writing, speaking and listening. Additional materials are used to enrich the learning experience.
Prerequisite(s): A passing grade in Spanish I.

3022B1H Spanish II Honors-1 Credit Grades 10-12
This course is designed for students who have demonstrated superior ability in Spanish I. Students move rapidly through the curriculum while reading Spanish short stories and a Spanish novel. Cultural awareness will be also be emphasized. Speaking the target language is stressed along with written proficiency. Students will be required to purchase a novel. **Teacher recommendation is required. Prerequisite(s): Spanish I**

3023B1H Spanish III Honors-1 Credit Grades 11-12
Spanish III Honors includes a review of Spanish I & II. This course will introduce students to advanced grammatical structures. Cultural awareness will be expanded. Speaking in the target language is stressed along with written proficiency. Students will explore literature by reading short stories and a novel. Students will be required to purchase a novel. **Teacher recommendation is required. Prerequisite(s): Spanish I & II**

3024B1H Spanish IV Honors-1 Credit Grade 12
Spanish IV stresses advanced grammatical structures and oral and speaking proficiency. Classroom discussions and instruction is held in Spanish. An emphasis is placed upon writing, listening and speaking. Students will be prepared for the Spanish College Placement Test and/or the College CLEP Test. Students will be required to purchase a novel. **Teacher recommendation is required. Prerequisite(s): Spanish I, II & III**

MATHEMATICS

Students must be recommended for honors courses. Students who enroll in an advanced placement course must complete the application process.

Criteria for PLACEMENT OF NINTH GRADE STUDENTS in mathematics courses:

- **Grades in eighth grade math**
- **Score on placement test given second semester of eighth grade year**
- **TCAP score**

- Recommendation of eighth grade mathematics teacher

GATEWAY COURSE/GRADUATION REQUIREMENT

All students enrolled in Algebra I and Algebra I Honors will take the Gateway Exam at the end of the year. Students must score at a proficient level, or advanced proficient level, on this exam to graduate.

3102B1G Algebra I-1 Credit

Grades 9-11

This course is an introductory course for higher mathematical studies. Content includes the real number system, equations, polynomials, linear and quadratic equations, exponents, rational expressions, coordinate geometry, and applications. **All ninth grade students are placed according to the criteria listed above. Prerequisite(s): None**

3102B1H Algebra I Honors-1 Credit

Grade 9

This course is for students with an enriched or accelerated 8th grade math background. Emphasis will be placed on understanding and using the different sets of real numbers; on developing the concept of functions; on establishing connections between graphs, equations, and numerical patterns; and on solving a greater variety of problems. **All ninth grade students are placed according to the criteria listed above. A teacher recommendation is required. Prerequisite(s): None**

3108B1G Unified Geometry-1 Credit

Grades 9-12

This course develops an understanding of the basic structure of geometry and the meaning and nature of mathematical proofs. Creative and critical thinking is also reinforced. **All ninth grade students are placed according to the criteria listed above. Prerequisite(s): Algebra I**

3108B1H Unified Geometry Honors-1 Credit

Grades 9 - 10

This course is for students who want a challenging approach to Unified Geometry. Emphasis will be placed on visualizing and performing transformations of figures; on investigating solid figures and trigonometric relationships; on connecting algebraic and geometric concepts; on justifying conclusions and making logical arguments; and on solving a greater variety of problems. **It is recommended that students have a B average in Algebra I. All ninth grade students are placed according to the criteria listed above. Prerequisite(s): Algebra I**

3103B1G Algebra II-1 Credit

Grades 10-12

The course is a continuation of Algebra I. The content includes analytic geometry, conic sections, higher systems of equations and inequalities, progressions, series, probability, logarithms, trigonometric functions, and the complex number system. TI-83 graphing calculator will be used. **Students should purchase their own graphing calculators. An 80 average in Algebra I is recommended. Prerequisite: Algebra I**

3103B1H Algebra II Honors-1 Credit

Grades 10-12

This course is for students who want a challenging approach to Algebra II. Emphasis will be placed on using the graphing calculator, on using function notation, identifying domain and range, on investigating logarithmic and trigonometric functions, on

connecting algebraic and geometric concepts, on justifying conclusions and making logical arguments, and on solving a greater variety of problems. **The following averages are recommended to enroll in Algebra II Honors: Geometry= 90 average/Geometry Honors=80. Students should purchase their own graphing calculator. Prerequisite(s): Algebra I and Unified Geometry/Geometry Teacher must recommend.**

3197A1G ACT Prep: Mathematics-1/2 credit Grades 11-12
This course covers all the mathematical concepts students face on the college entrance exam, the ACT. It is for those students who need additional help in scoring a 21 for HOPE Scholarship purposes and/or to better the scores of those with college entrance and math scholarship ambitions.

3126B1H Pre-Calculus Honors-1 Credit Grades 11-12
This course is a continuation of Algebra II and an introduction to trigonometry. The content includes functions, logarithmic functions, and trigonometric functions. The TI-83 or TI-83 plus, or TI-86 graphing calculator will be used extensively. **Students should consider purchasing their own graphing calculator. Students who elect this course before 12th grade must plan to take AP Calculus. The following averages are recommended to enroll in Pre-Calculus Honors: Algebra II=80 or Algebra II Honors=90 Prerequisite(s): Algebra I, Unified Geometry or Algebra II/Teacher must recommend.**

3124B1G Advanced Algebra & Trigonometry-1 Credit Grade 12
This course provides an overview of discrete mathematical topics with an emphasis on statistics and real world applications. Some topics of study are: matrices, linear programming, coordinate geometry, relations and functions, exponents and logarithms, triangle trigonometry, probability, and statistics.
Prerequisite(s): Algebra I, Algebra II, and Geometry.

3124BID Adv. Algebra & Trig (Dual Enrollment) 1 credit + college credit Grade 12
This course is comprised of two college courses, College Algebra (MATH 1710) and Elementary Calculus (MATH 1830). MATH 1710 is taught during the Fall Semester and MATH 1830 is taught during the Spring Semester allowing students to earn 6 credit hours from The University of Memphis. Since The University of Memphis is a Tennessee Board of Regents school, students should check with the university they plan to attend to see how these credits will transfer.
PREREQUISITE for MATH 1710: Minimum composite ACT score of 19 with a math sub score of at least a 19 plus a minimum admission index score of 100 (30 times GPA + ACT score) PREREQUISITE for MATH 1830: MATH 1710 (minimum grade of C), ACT Math sub score of at least a 24, or equivalent SAT Math score.
MATH 1710 - Analysis of functions using graphing calculators; partial fractions; synthetic division; conic sections; theory of equations; inequalities; applications.
MATH 1830 - Introduction to concepts and methods of elementary calculus of one real variable as related to rational, exponential, and logarithmic functions; nature of

derivatives; differentiation; application of derivative; nature of integration: definite integral; applications of definite integral.

Students who enroll in Adv. Algebra & Trig (Dual Enrollment) must complete the application process. Tuition fees are required and are discounted for those students qualifying for the HOPE scholarship. Students are required to purchase their own textbooks for each course. This course is not recommended for students planning to pursue a math or science related degree.

3127B1P AP Calculus AB-1 Credit

Grade 12

This college level course covers foundations in differential and integral calculus, including applications of each. The content includes analytic preparation functions, limits, derivatives, integrals, and transcendental functions. This course is recommended for the student seeking college level credit in Calculus. A college text is used. **Students must be proficient with a graphing calculator and it is strongly recommended that they own one of the following: TI-83, 86, 89 graphing calculator. TI-89 is recommended. Students who enroll in AP Calculus AB must complete application process and be recommended to take the course. Students must take the AP Calculus test in the spring. A fee is required.**

Prerequisite(s): Algebra I, Unified Geometry, Algebra II and Pre-Calculus Honors with a 90 average.

3128B1P AP Calculus BC-1 Credit

Grade 12

This course covers all the information covered in AB Calculus with additional topics of sequences, series, parametric equations and more upper level calculus. It discusses foundations in differential and integral calculus, including applications of each. AB Calculus is not a prerequisite for BC Calculus. BC Calculus will cover topics at a faster pace than AB Calculus. It is recommended for aspiring engineering majors or other math based majors in college. A college text is used. **Students must be proficient with a graphing calculator and it is strongly recommended that they own one of the following: TI-83, 86, 89 graphing calculator. TI-89 is recommended. Students who enroll in AP Calculus AB must complete application process. Students must take the AP Calculus test in the spring. A fee is required.**

Prerequisite(s): Algebra I, Unified Geometry, Algebra II and Pre-Calculus Honors with a 90 average.

3136A1G Statistics-

1/2 Credit

Grades 10-12

Statistics is a branch of mathematics that deals with the collection, analysis, and interpretation of masses of numerical data. ACT recommends such a course. It is also of benefit for those students who choose any social science later in college.

SCIENCE

Students must be recommended for honors courses. Students who enroll in an advanced placement courses must complete the application process.

3202B1G Physical Science-1 Credit Grade 9

Physical Science is a laboratory course, which provides a foundation all for the physical sciences, with emphasis in chemistry. It is a general survey science course.

Prerequisites: None

GATEWAY COURSE/GRADUATION REQUIREMENT

All students enrolled in Biology and Biology Honors, will take the Gateway Exam at the end of the year. Students must score at a proficient level, or advanced proficient level, for graduation requirements.

3210B1G Biology-1 Credit Grades 10-12

This course consists of plant and animal life classifications, the study of life, and appropriate laboratory experiences that reinforce biological concepts. **Prerequisite(s): None**

3210B1H Biology Honors-1 Credit Grades 9-10

This course encompasses the study of the structures unique to life, the environment, reproduction, systems' composition and components, the interactions of organisms, and the patterns of matter and energy. Evaluation of the Honors Biology course will be based on a portfolio, laboratory assessments and essay exams. **Their previous science teacher must recommend students. Prerequisite(s): Strong aptitude in Algebra I, concurrent enrollment in Unified Geometry or Algebra II, and a strong aptitude in eighth grade science or a B average in ninth grade Physical Science.**

3216B1G Biology II- 1 Credit Grades 11-12

This course is for the student who is wishing to take another elective in science and has a passion to study the science of living things at a more in-depth level than what they experienced in Biology I.

3260A1G Environmental Science- 1/2 Credit Grades 11-12

Environmental science studies natural ecosystems and discusses environmental issues concerning a growing world population. Issues are approached at a survey level and build towards a logical systematic way of understanding of our natural resources. When paired with **Ecology**, students may earn a full science credit that meet the required three sciences needed for graduation on the technical path.

Prerequisite(s): Physical Science and Biology; student must be on the technical path.

3255A1G Ecology- 1/2 Credit Grades 11-12

Ecology focuses on natural ecosystems and how the population balances in sustaining the ecosystem. Topics include soil, water, sewage, hazardous wastes, pollution, pest control, acid rain, greenhouse effect, and ozone depletion. When paired with **Environmental Science** students may earn a full science credit. This will meet the required three sciences needed for graduation on the technical path. **Prerequisite(s): Physical Science and Biology; student must be on the technical path.**

3221B1G Chemistry-1 Credit Grades 10-12
This course involves the study of the nature and structure of matter through topics as elements, compounds, formulas, symbols, equations, solutions (acids, bases), gas laws, atomic theory, periodic laws, chemical bonding, nuclear chemistry, electrochemistry, organic chemistry, qualitative analysis, etc. Laboratory experiences are an important part of this course. **Prerequisite(s): Algebra I and Biology.**

3221B1H Chemistry Honors-1 Credit Grades 10-12
This course will require mastery of the following topics: structure of the atom and periodic law, chemical bonding with molecular orbitals, gaseous state and kinetic molecular theory, mole concept solutions and electrolytes, oxidation-reduction, acids, bases, and salts, and nuclear chemistry. Completion of topic-related laboratory experiences using proper technique is also a course requirement. **Teacher recommendation is required. Prerequisite(s): A strong aptitude in Algebra I, Unified Geometry and Biology is recommended.**

3231B2G Physics-1 Credit Grades 11-12
Physics is a study of energy and the way it interacts with matter. Topics such as mechanical energy, heat, light, sound, magnetism, electricity (static and current), wave theory, atomic theory, and nuclear physics are included in this course.
Prerequisite(s): Algebra I, Unified Geometry, Biology and Chemistry

3231B1H Physics Honors-1 Credit Grades 11-12
This course goes into physics in greater detail. Students will have more hands on experiences and discussions based on the study of energy and how it interacts with matter. Labs, discussions, and projects will be instrumental in seeing the world of physics at work. **Prerequisite(s): Algebra I, Unified Geometry, Biology and Chemistry.**

3251B1G Human Anatomy and Physiology-1 Credit Grades 11-12
Anatomy and Physiology is a course for students who are considering a career in health services or are just interested in how the body works. Dissections, microscope studies and experimental laboratory activities bring bookwork to life by providing valuable hands-on learning. **Students will be required to work on projects during class and outside class. Prerequisite(s): Biology and Chemistry**

3217B1P AP Biology-1 Credit Grades 11-12
The Advanced Placement Biology course is designed to be the equivalent of a college introductory biology course. A final qualifying examination, with a fee attached, is required. Receiving a certain score on this exam may earn the student college credit. The purchase of a laboratory manual is required.
Prerequisite(s): Honors Biology I; Chemistry; Physics (or co-enrolled); Algebra I; Geometry; Algebra II. Teacher recommendations are required Honors Biology I and Algebra II.

3225B1P AP Chemistry-1 Credit Grades 11-12
Advanced Placement Chemistry is a second year course designed to meet the needs of the advanced science-oriented student. This course is equivalent to a college freshmen general chemistry course. Additional labs are performed to illustrate good lab techniques, and apply and underscore chemical knowledge. This course is mostly inorganic, but organic compounds are discussed and the basis of their bonding described.
Summer Requirements: A review of general Chemistry. Students are required to read chapters, answer questions and solve problems (equations). Students will be required to turn the work in on the first day of school. An AP exam must be taken in the spring. A fee is required. Prerequisite(s): A strong aptitude in Algebra II and Chemistry/Teacher recommendation required.

SOCIAL STUDIES

Students must be recommended for honors courses. Students who enroll in an advanced placement course must complete the application process.

3401B1G World History-1 Credit Grades 9-12
World History is the study of ancient history and proceeds through the present era. The course emphasizes cultural aspects, inventions, military, social, religious and political movements that have shaped modern thought and institutions. **Prerequisite(s): None**

3401B1H World History Honors-1 Credit Grades 9-10
This course is for students who desire an in-depth study of World History. There is an emphasis on various methods of developing expository paragraphs and themes. Students are required to complete historical research projects. Outside readings will be required. **All students must be recommended for the course by their eighth grade social studies teacher and have strong English skills (writing). Current students must be recommended by an English and/or World Geography teacher. Prerequisite(s): None**

3403B1G Modern History-1.0 Credit Grades 12
This course looks at recent historical events in specific detail. The 20th century is explored and a connection is made with these events and how they currently shape us today. This course looks at state, national, and world historical modern day happenings and their influences. **Prerequisite: None.**

3404A1G Facing History and Ourselves-1/2 Credit Grades 10-12
This course uses an interdisciplinary approach to promote knowledge, values, and skills needed to preserve democracy. The course uses case studies anchored by the Holocaust to develop themes that oppose prejudice and discrimination. **Prerequisite(s): None**

3410B1G World Geography-1 Credit Grade 9
World Geography is the study of continental landforms, climate, and population. Emphasis is placed on cultural adaptations to environment. Students will be taught map and chart reading. **Prerequisite(s): None**

3410B1H World Geography Honors-1 Credit Grades 9-10
World Geography Honors follows the regular World Geography curriculum but with a greater emphasis on developing the student's skills in research, critical thinking and writing. **Students must be recommended for the course by their eighth grade social studies teacher. A strong writing aptitude evident by doing well in eighth grade Language Arts/English is required. Prerequisite(s): None**

3405B1G U.S. History-1 Credit Grade 11
U.S. History is a survey class that covers the major political, social, and economic issues in our country's heritage. Beginning with 18th century historical data and ending with current historical events, students gain a better appreciation of our country and how we fit in as a global world power.
Prerequisite(s): None

3407A1G U.S. Government-1/2 Credit Grade 12
The course will present the American system of government. It will illustrate that while the fundamental principles and powers of government remain constant, many aspects of its functions and operations change. **Prerequisite(s): None**

3431A1G Economics-1/2 Credit Grade 12
Economics includes the fundamental principles of the American free enterprise system and the factors that influence its function. This course is designed so that students achieve a better understanding as to how basic economic concepts effect decisions made by consumers, producers, and government. **Prerequisite(s): None**

3432A1G Sociology-1/2 Credit Grades 11-12
Sociology is the study of people living together in groups and the importance of the individual within these groups. Customs, norms, deviance and practices of cross-cultures are emphasized. **Prerequisite(s): None**

3433A1G Psychology-1/2 Credit Grades 11-12
This course will help the individual understand himself and others while examing the human organism and its mental processes. Topics such as personality, human development, human relations, and relationship of psychology to groups (including the family) and society are covered. **Prerequisite(s): None**

3435A1G Contemporary Issues-1/2 Credit Grades 10-12
Contemporary Issues deals with current political, social, and economic issues of importance to American and world society. The curriculum will consist of information gathered from current newspapers, magazines, and supplemental material. A considerable amount of reading and student participation is required. **Prerequisite(s): None**

3440B1P AP U.S. History-1 Credit Grade 11
In addition to the material described in U.S. History, the AP level includes reading several works outside the standard text. This course delves into social and political

forces that helped shape our current democracy. The ability to analyze and comprehend political theory is essential. **Students must complete the application process and be recommended for this course. Students must take the AP History exam in the spring. A fee is required. Prerequisite(s): English II Honors**

3442A1G African-American History-1/2 Credit Grades 11-12
This course is designed to analyze the creation of African-American society in the United States. Students will research past historical documents in order to better understand the issues facing African-Americans today. This class will focus on reading, writing and interpretive skills. **Prerequisite(s): None**

3443A1P AP Microeconomics-1/2 Credit Grade 12
Advanced Placement Microeconomics is designed to give students a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the larger economic system. It places primary emphasis on the nature and functions of product markets and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy. **Students are required to pay for and take the College Board AP Microeconomics exam. Prerequisite(s): Recommendation from current social studies teacher.**

3446A1P AP U.S. Government-1/2 Credit Grade 12
AP Government concerns itself with the study of governmental theory and function. The course will cover United States. The course is geared towards preparing for the Advanced Placement exam and involves considerable amounts of outside reading and study. Students must be recommended. **Students must take the AP Government test in the spring. A fee is required. Students must complete the application process and be recommended by their US History teacher. Prerequisite: English III Honors**

3447A1P AP Psychology-1/2 Credit Grades 11-12
AP Psychology will delve extensively into contemporary theory and practice of trends of relevance to the human organism. Mental and emotional processes, pathologies and treatments, as they relate to personality, development and relationships will be the main focus of this course. **Extensive outside reading is required. Students are required to take the AP exam in the spring. A fee is required. Students must complete the application process and be recommended by their English teacher and a social studies teacher. Prerequisite(s): English II Honors or English III Honors depending on your grade level.**

3497A1G Introduction to the Hebrew Scriptures-1/2 Credit Grades 11-12
This course will cover the Old Testament. The lessons are inter-disciplinary in nature, offering insights into important Bible literature, and, where appropriate, discussing the literary and historical context of Biblical events. The lesson plans are designed to introduce the book of the Bible in ways that are consistent with good scholarship, are

age-appropriate and are sensitive to the challenge of teaching about a text that is scripture for a number of religious traditions. **Prerequisite(s): None**

3499A1G Personal Finance-1/2 Credit Grade 11-12
This course allows students to learn personal fiscal responsibility by exploring such topics as credit, debit, consumer habits, credit history, living within your means, budgeting, and asset management.

WELLNESS

For the class of 2013, an additional .5 credit must be obtained to meet graduation requirements. This .5 credit can also be earned in any sport or extra-curricular activity approved by Bolton High School. Approved activities are pending and a list of these activities will be presented in the near future once they are determined.

3302A2G Recreational Games- 1/2 credit Grade 10-12
This course is for students who need the additional .5 PE credit to meet graduation requirements. Recreational Games places an emphasis on exercise and healthy habits. **Uniform purchase is associated with this course. Prerequisite: Wellness.**

3303B1G Wellness-1 Credit Grade 9
This course emphasizes the need to take responsibility for engaging in behaviors that develop optimal health. The ongoing process of wellness requires daily decision making in nutrition, stress management, physical fitness, preventative health care, emotional health, and other aspects of health. **Uniform purchase is associated with this course. Prerequisite(s): None**

3302A2G Recreational Games-1/2 credit Grade 10-12
This course is for students who need the additional .5 PE credit to meet graduation requirements. Recreational Games places an emphasis on exercise and healthy habits. **Uniform purchase is associated with this course. Prerequisite: Wellness.**

TECHNICAL PROGRAMS OFFERED AT BOLTON HIGH SCHOOL

Technical Path requirements consist of the core curriculum plus four related credits in a focused technical program of study. Students must earn four credits in the same technical area to complete graduation requirements. An asterisk (*) represents a semester course. *For the class of 2013, 3 credits under a focused area must be successfully completed. Courses for this graduating class may be subject to change as we are still developing courses that may be of additional benefit. The below courses are for 10th – 12th grade. Focused plan of studies for class of 2013, and subsequent classes, are at the end of this section.*

Agriculture/Horticulture

Greenhouse Management (9-10) Wildlife Management (10-11)*
Exterior and Interior Landscaping (10-11)
Agriculture Mechanics (11-12)

Automotive Technology

Career Management Success (9-10)* Transportation Core (9)
Automotive: Electronics (11)
Automotive: Suspension and Steering (11)
Automotive: Brake Systems (12)
Automotive: Engine Performance (12)

Construction Technology

Career Management Success (9-10)* Construction Core (9-10)
Carpentry I (10-11) Carpentry II (11-12)

Cosmetology

Principles of Cosmetology I (10)
Design Principles of Cosmetology II (11)
Chemistry of Cosmetology III (12)

Early Childhood Education Careers

Early Childhood Education Careers I (10)
Early Childhood Education Careers II (11)
Early Childhood Education Careers III (12)
Early Childhood Education Careers III Co-op (12)

Family and Consumer Science

Family and Consumer Sciences (9) Nutrition & Foods (10-12)*
Textiles & Apparel (10-12)* Housing & Interior Design (10-12)*
Child Development (11-12)* Consumer Economics (11-12)*
Family Parenting Education (11-12)*

Health Science

Health Science Education (10) Diagnostic Medicine (11)
Medical Therapeutics (12) Biomedical Applications (11-12)

Information Technology

Keyboarding (9-10)* Keyboarding Applications (9-10)*
Spreadsheet Application (10-11)* Document Creation Design (10-11)*
*Integrated Input Technologies (11-12)
*Administrative Management Systems (12)

Marketing & Management

Entrepreneurship (10-12)* Lodging Operations (11-12)
Marketing & Management Principles I (10-11)
Travel and Tourism (11-12)*

Business Related Classes

(one unit may be chosen from this area)
*Keyboarding (9-12)*Personal Computing (10-12)
* Computer Production Application (10-12) *Programming I & II (10-12)
*Principles of Business (10-12) * American Business & Legal Systems 10-12
*Accounting I (10-12) Accounting II (11-12)

Criminal Justice

Criminal Justice I (11-12)

Criminal Justice II (11-12)

AGRICULTURE/HORTICULTURE

5167B1G Greenhouse Management-1 Credit Grades 9-10
Students study basic plant science, soil, science, greenhouse management, plant propagation, and basic landscaping. This area of study will be reinforced through practical experience in the greenhouse and on the outside orchard/garden area. **Fees are associated with this course. Prerequisite(s): None**

5174A1G Wildlife Management and Recreation-1/2 Credit Grades 10-11
This course includes the importance of wildlife management from all levels of government (Federal, State, and Local). Aspects of wildlife from land, to sea, to air will be discussed. **All students who take this course are required to enroll in Exterior & Interior Landscaping. Fees are associated with this course. Prerequisite(s): None**

5163A1G Exterior/ Interior Landscaping-1/2 Credit Grades 10-11
This course includes the basic design features that include planning, landscape drawing, planting, and care of interior and exterior plants. **All students who take this course are required to enroll in Wildlife Management. A fee is required. Prerequisite(s): None**

5101A1G Agriculture Mechanics-1 Credit Grades 11-12
Agriculture mechanics instruction involves a combination of classroom, shop, laboratory and occupational experience integrated with FFA activities. The course provides a background in welding, electric wiring, building construction and maintenance, metal working tools, and agriculture machinery. **Fees are associated with this course. Prerequisite(s): Greenhouse Management**

CONSTRUCTION TECHNOLOGY

5701A2G Career Management Success-1/2 Credit Grades 9-10
Career management success is a core course for career clusters. This course provides students with tools for achieving success in their academic work and personal lives. Course content emphasizes the basic skills and knowledge needed for employment success, as identified by the industry and supported by the relevant national standards. **Prerequisite(s): None**

5730B1G Construction Core-1 Credit Grades 9-10
Construction Core will introduce students to basic skills and knowledge applicable to construction trades. Topics include safety, construction drawings, site layout, hand and power tools, linear and angular measurements, and application of algebraic and geometric principles to construction problems. **Prerequisite(s): None**

5731B1G Carpentry I-1 Credit Grades 10-11
Carpentry I is a course will extend students' skills and knowledge related to residential and commercial carpentry. This course gives an introduction to the skill and knowledge

base typically required for apprentice carpenters. **Fees are associated with this course. Career Management Success is recommended for this course. Prerequisite(s): Construction Core.**

5732C1G Carpentry II-2 Credits Grade 12
Carpentry II will extend students' skills and knowledge related to residential and commercial carpentry. Topics include stairs, installation and trim of windows and doors, installation and repair of gypsum wallboard, advanced site layout, exterior finish work, thermal and moisture protection, and an introduction to welding.
Fees are associated with this course. Career Management Success is recommended for this course. Prerequisite(s): Construction Core and Carpentry I.

COSMETOLOGY

Cosmetology courses provide a practical learning experience related to the care and beautification of the hair, complexion, hands, and feet. Classroom instruction is correlated with demonstrations and practice in training stations similar to a salon environment.

5338B1G Principles of Cosmetology I-1 Credit Grade 10
This course prepares students with work-related skills for advancement into the Design Principles of Cosmetology course. Content stresses safety, environmental issues, and protection of the structures, and cosmetic procedures. Laboratory facilities and experiences simulate those in the cosmetology industry. **Each student is required to purchase a kit of supplies. Prerequisite(s): None**

5339C1G Design Principles of Cosmetology-2 Credits Grade 11
This course provides students the opportunity to acquire knowledge and skills in both theory and practical application. Advanced knowledge and skill in hair design, nail artistry, and cosmetic applications will be enhanced in a laboratory setting, which duplicates cosmetology industry standards. **Student is required to maintain the kit they purchased in Principles of Cosmetology. Prerequisite(s): Principles of Cosmetology.**

5340C1G Chemistry of Cosmetology-2 Credits Grade 12
This advanced cosmetology course prepares students to perform work-related services using chemicals in the cosmetology industry. Students will gain hours according to attendance and progress that, after receiving credit for this course, will transfer to those hours needed to complete the 1500 hours it takes towards their state license in cosmetology from another professional licensing agency. **Student is required to maintain the kit they purchased in Principles of Cosmetology. Prerequisite(s): Principles of Cosmetology and Design Principles of Cosmetology.**

EARLY CHILDHOOD EDUCATION CAREERS

5650B1G Early Childhood Education Careers I -1 Credit Grade 10
This introductory course prepares students for gainful employment and/or entry into post-secondary education. Content provides students a foundation in the concepts of child development theory and affords them the opportunity to integrate knowledge; skills and practices required for careers in early childhood education and related services.
Prerequisite(s): None

56502B1G Early Childhood Education Careers I Lab-1 Credit Grade 11
This course prepares students for gainful employment and/or entry into post-secondary education. Content provides students the opportunity to apply child development theory, develop and implement learning activities for young children. Laboratory experiences offer school-based and/or work based learning opportunities.
Prerequisite(s): Early Childhood Education Career I

5660B1G Early Childhood Education Careers II-1 Credit Grade 12
This class is a capstone course. It prepares students for employment and/or entry into post-secondary education in the early childhood education fields. Content provides students the opportunity to study administration, management issues and special needs children.
Prerequisite(s): Early Childhood Education Careers I and II

5698B1G Early Childhood Education Methodology-1 Credit Grade 12
Every student in this advanced class will also be enrolled in 5660BIG. Students will apply early childhood education knowledge and skills previously acquired in increasingly responsible positions, including participation in a cooperative educational experience or a non-paid work-based learning experience that takes place in an elementary school setting.
Prerequisite(s): Early Childhood Education Careers I and II

FAMILY AND CONSUMER SCIENCES

The integration of Family, Career, and Community Leaders of America (FCCLA) provides students opportunities for leadership development, personal growth, and school/community involvement. All family and consumer science courses provide this integration of skills. **Fees are associated with some of these courses.**

5603B1G Family and Consumer Sciences-1 Credit Grades 9-12
Family and Consumer Sciences is a comprehensive, foundation course designed to assist students in developing the core knowledge and skills needed to manage their lives. A unique focus is on family management, work, and interrelationships.
Prerequisite(s): None

5609A1G Nutrition and Foods-1/2 Credit Grades 10-12
Nutrition and Foods helps students understand the significance of food, principles of nutrition, and the relationship of nutrition to overall wellbeing. Students are provided opportunities to develop skills in the selection, preparation, storing, and serving of food, meal management to meet individual and family nutrition needs across the life span, and optimal use of food resources. Fees are required. **Prerequisite(s): None**

5612A1G Textiles and Apparel-1/2 Credit Grades 10-12
Textiles and Apparel is designed to prepare students to understand the social, psychological, and physiological aspects of textile and apparel products and the effect of consumer choices. Fees are required. **Prerequisite(s): None**

5607A1G Housing and Interior Design-1/2 Credit Grades 10-12
Housing and Interior Design prepares students to understand the variables affecting housing decisions. The course includes instruction in the social/psychological aspects of housing, the consumer aspects, housing trends and issues, the application of design principles to the living environment, home furnishing and equipment, home care and maintenance, and exploration in related occupations/careers. **Fees are associated with this course. Prerequisite(s): None**

5601A1G Child Development-1/2 Credit Grades 11-12
Child Development prepares students to understand the physical, social, emotional, and intellectual growth and development of children. **Fees are associated with this course. Prerequisite(s): None**

5605A1G Consumer Economics-1/2 Credit Grades 10-12
Consumer Economics prepares students to understand the United States economic system and how it affects individuals as consumers, producers, and citizens. Students will integrate knowledge, skills, and practices required for management of resources in a technology expanding global economy. Fees are required. **Prerequisite(s): None**

5606A1G Family Parenting Education-1/2 Credit Grades 10-12
Family and Parenting Education is a course that emphasizes the significance of the family as a basic unit or society and its impact on the general health of individuals and society. Fees are required. **Prerequisite(s): None**

HEALTH SCIENCE

5504B1G Health Science Education-1 Credit Grade 10
This course is an introduction to broad standards that server as a foundation for Health Care Occupations and functions across health services. Units included are academics in health care communications systems, medical terminology, legal responsibilities, ethics, patient diversity, HOSA, first-aid, safety practices and basic clinical skills. **Fees are associated with this course. Prerequisite(s): Completion or concurrent enrolment in Biology.**

5511B1G Diagnostic Medicine-1 Credit Grade 11
The Medical Diagnostics course emphasizes application of Anatomy & Physiology, medical terminology, infection control procedures, safety, and communication. Diagnostic medicine creates a picture of an individual's health status at a single point in time. Students explore in detail the diagnostic areas of Cardiology, Diagnostic Imaging, Medical Laboratory, Optometry and others. **Fees are associated with this course.**
Prerequisite(s): Health Science Education

5513B1G Biomedical Applications-1 Credit Grades 11-12
This course provides an overview of biomedical research applications. Topics covered will include understanding laboratory procedures fundamental to biomedical research that include recombinant DNA, protein purification, cell and tissue culture. Additional topics include communication skills, the history and development of the field of biomedical research and understanding the legal environment and technology transfer aspects of biomedical research. Jobs include research as a medical doctor or a PhD, Biochemist, Bioinformatics, Biomedical Chemist, Biostatistician, Cell Biologist, Clinical Trials Research, Geneticist, Lab Assistant – Genetics, Lab Technician, Microbiologists, Molecular Biologist, Pharmaceutical Scientist, Quality Assurance Professional, Quality Control Professional, Regulatory Affairs Specialist, Research Scientist, Toxicologist or a Biomedical Engineer, Biomedical Patent Attorney and others. **Prerequisites: Health Science Education & Diagnostic Medicine**

BUSINESS TECHNOLOGY

Some of the classes listed in this program have fees that are associated with them which will be determined at the beginning of the school year. This fee covers the amount due for the required BPA membership, Business Professionals of America.

3710A1G Keyboarding-1/2 Credit Grades 9-10
Keyboarding is a course designed to develop basic skills in operating the computer keyboard. It includes; an introduction to letter, figure and symbol keyboard, personal business applications and various formats for business and personal correspondence. **All students who take this course are required to enroll in Keyboarding Applications.**
Prerequisite(s): None

3775A1G Keyboarding/Document Formatting-1/2 Credit Grades 9-10
This course is designed to develop skills in typewriting, office machines, accounting, oral/written communications, filing and human relations. Students are given the opportunity to become acquainted with multi-area instructional contents, which will become comprehensive in the more advanced office education courses. **All students who take this course are required to enroll in Keyboarding.** **Prerequisite(s): Keyboarding**

3729A1G Spreadsheet Applications-1/2 Credit Grades 10-11
Spreadsheet Applications is designed to teach students proficiency in various spreadsheet software packages. Students will participate in hands-on applications for column layout,

formatting and editing, document retrieval, saving, printing, formulas, calculations and graphics. **All students who take this course are required to enroll in Document Creation Design.**

Prerequisite(s): Keyboarding and Keyboarding Applications.

3727A1G Keyboarding/Document Layout & Design-1/2 Credit Grades 10-11

This course is designed to enhance student's business application processing, design and layout skills. Students will use a hands-on approach to develop proficiency in document preparation and problem-solving skills. Simulations and projects will be used to teach composition, organization and editing of information applying typography and layout, and design concepts. All students who take this course are required to enroll in Spreadsheet Applications.

Prerequisite(s): Keyboarding and Keyboarding Applications.

3730B1G Integrated Input Technologies-1 Credit Grades 11-12

This course views current and emerging information technology to help students develop skills necessary for problem solving as it relates to professional careers. Students work to attain high-level employment competencies in areas as computer systems, computer applications, communication systems, networking, ethical issues, human relations, and management.

Prerequisite(s): Keyboarding, Keyboarding Applications, Document Creation Design and Spreadsheet Applications.

3737B1G Administrative Management Systems -1 Credit Grade 12

AMS has the same basic content as IIT, but the course is more advanced and has more simulated office projects than IIT. It is recommended that those enrolling in AMS have maintained at least a C average in IIT. **Prerequisite(s): Keyboarding, Keyboarding Applications, Spreadsheet Applications, Document Creation Design, and Information Management Systems.**

MARKETING

Students enrolled in the marketing program are required to participate in the DECA club. Fees are associated with this program. The DECA program is a vocational organization that offers students the opportunity to develop leadership skills. Members are eligible to participate in conferences and competitive events at the local, state and national level.

5005A1G Entrepreneurship-1/2 Credit Grades 10-11

This course provides students the opportunity to analyze and evaluate the various aspects of business ownership in today's marketplace. Throughout this course the student will relate the foundations of marketing and business management to real-life entrepreneurial endeavors. **Prerequisite(s): None**

5000B1G Marketing and Management Principles I-1 Credit Grades 10-

11 This course provides studies that focus on the functions of marketing and basic business activities. Units of study include job search skills, economics, principles,

product development, advertising, selling, pricing and distribution. **Prerequisite(s): None**

5023A1G Sports & Entertainment Marketing-1/2 Credit Grades 11-12
This course explores all of the variables that support the fast growing world of sports and entertainment from a business and marketing perspective. The course will be spent analyzing several local programs of interest from the sports and entertainment perspective. **Prerequisite(s): None**

AUTOMOTIVE TECHNOLOGY

The Automotive Technology program is designed to prepare students to either enter a post-secondary technical school or enter the work industry as entry-level technicians. All students involved in the transportation program are encouraged to participate in the VICA club. Fees are associated with this course. The fee covers membership dues and a t-shirt.

5701A2G Career Management Success-1/2 Credit Grades 9-10
Career Management Success is a core course for career clusters. The course provides students with tools for achieving success in their academic, work, and personal lives. **Prerequisite(s): None**

5702A2G Transportation Core-1/2 Credit Grade 10
Transportation Core is an entry-level course for all subsequent transportation courses. Students will explore career opportunities and requirements of a professional service technician. **Prerequisite(s): None**

5713B1G Automotive: Electronics (Fall)-1 Credit Grade 11
This course prepares students for entry-level positions or advanced training in automotive electrical and electronic systems. This course prepares students for the Automotive Service Excellence (ASE) Electrical and Electronics. **Prerequisite(s): Transportation Core. Career Management Success is also recommended for this course. Students must have taken or be enrolled in Algebra I and Physical Science.**

5710B1G Automotive: Suspension and Steering (Spring)-1 Credit Grade 11
This course prepares students for entry-level positions or advance training in automotive suspension and steering systems. Lab facilities and experiences simulate automotive service industry operations through the use of training aids and modules and school-based learning opportunities. Course content prepares students for the Automotive Service Excellence (ASE) Suspensions and Steering test. **Prerequisite(s): Transportation Core. Career Management Success is also recommended for this course. Students must have taken or be enrolled in Algebra I and Physical Science.**

5712B1G Automotive: Brake Systems (Fall)-1 Credit Grade 12
This course offers training in the diagnosis and repair of hydraulic, mechanical, and electrical systems used in standard and anti-lock brake systems. Educational experiences simulate automotive service industry operations through training aids, laboratory facilities, and school-based opportunities. Course content prepares students for the Automotive Service Excellence (ASE) Brake System test, for entry-level placement in the workforce, and for entry into post-secondary education. **Prerequisite(s): Transportation Core, Automotive Electronics and Suspension and Steering. Career Management Success is recommended for this course.**

5711B1G Automotive: Engine Performance (Spring)-1 Credit Grade 12
This course prepares students for entry-level positions or advanced training in engine performance. Students will perform inspections, tests, and measurements for diagnosis and perform needed repairs. Education and experiences simulate automotive service industry operations through the use of training aids and modules and offer school-based learning opportunities. Course content prepares students for the Automotive Service Excellence (ASE) Engine Performance test. **Prerequisite: Transportation Core, Automotive Electronics and Suspension and Steering. Career Management Success is also recommended for this course.**

CRIMINAL JUSTICE

5530B1G Criminal Justice I 1 Credit Grades 11-12
This is a survey course that allows students to get familiar with crime from a theoretical and practical viewpoint. Police techniques, various criminal professions, historical developments and legal issues are broached that all relate to crime.

5331B1G Criminal Justice II 1 Credit Grades 11-12
This course explores the criminal justice system in a more in-depth manner than the survey course, Criminal Justice I. It is for the student who is serious about exploring forensics and police-related career fields. **Prerequisite:** Criminal Justice I

Focused Plan of Studies for those on the One Diploma Project

One Diploma Project Students (i.e. graduating class of 2013 and those of subsequent years) can use the chart below as a guide for their elective focused possibilities. Some courses are in the planning stages. Thus, this is still a work in progress as we develop our programs to meet students' needs and state requirements.

FOCUSED PLANS OF STUDY AVAILABLE AT BOLTON HIGH SCHOOL

STUDENTS MUST CHOOSE 3 CREDITS IN A FOCUSED PLAN OF STUDY. THEY WILL REPRESENT 3 OF THE 22 CREDITS REQUIRED FOR GRADUATION. An asterisk (*) indicates a semester course.

AGRICULTURE

Career Mgt Success*, Agriscience, Forestry, Wildlife Management, Soil / Land Management

Agriculture Mechanics, Ecology*/Environmental Science*

AUTOMOTIVE TECHNOLOGY

Career Mgt Success*, Transportation Core, Automotive Electronics, Suspension /Steering

Automotive Brake Systems

BUSINESS/ AND FINANCE

American Business *, Business Principles *, Computer Literacy*, Comp Prod Application,*

Basic Programming, Career Management Success*, Accounting I & II

CONSTRUCTION /CARPENTRY

Career Mgt Success*, Construction Core, Carpentry I, Carpentry II (2 hrs)

COSMETOLOGY-PERSONAL CARE SRVC

Career Mgt Success*, Principles of Cosmetology, Design Prin of Cosmetology, Chemistry of Cosmetology (2 hours), Anatomy/Physiology

EARLY CHILDHOOD EDUCATION

Family/Consumer Science, Early Childhood Ed I, Early Childhood Ed II, Early Childhood III

Family and Parenting*, Child Development*

FAMILY/COMMUNITY SERVICES

Family /Consumer Sciences, Child Development*, Life Connections*, Food and Nutrition*

HEALTH SCIENCES-BIOTECHNOLOGY

Health Science Education, Medical Diagnostics, Biotechnology Application, Human Anatomy/Physiology

RECREATION/ATTRACTIONS/ SPORTS AND ENTERTAINMNT

Marketing I, Sports & Entertainment*, Travel / Tourism

ADMINISTRATIVE AND INFORMATION SUPPORT

Keyboarding *, Document Formatting*, Database Design*, Document Design/Layout*
Administrative Management

EDUCATION AND TEACHER TRAINING

Family/Consumer Sciences, Child Development*, Life Connections, Teaching as a Profession

WEB DESIGN

Website-Foundations, Webpage Design-Site Designer, Webpage Design-eCommerce

FINE ARTS-ART

Art I, Art II, Art III, Art IV, AP Art, Graphic Media, Art History*

FINE ARTS-BAND

Brass-4 years, Percussion-4 Years, Woodwinds-4 Years, Color Guard-1st semester with Instrumental Band 2nd semester

FINE ARTS-CHORUS

Chorus-Mixed, Chorus-Men or Women's, Chorale, Show Jazz Choir

FINE ARTS-THEATER

Intro to Theater *, Intro to Film/Video*, Acting, Theater Production Workshop, Advanced Acting

FINE ARTS-COMMUNICATION

Intro to Film/Video *, Intro to Theater*, Intro to Communication, TV Production Workshop

LIBERAL ARTS

Foreign Languages: French, German, Latin, Spanish (I,II,III,IV), African American History-

African American Literature*, Contemporary Issues*, Etymology*, Facing Hist & Ourselves *

Intro to Hebrew Scripture*, Psychology*, AP Psychology*, Sociology*, Modern History, Humanities Honors

SCIENCE /MATH

Human Anatomy/ Physiology, AP Biology, AP Chemistry, Physics

Environmental Science-(Semester), Ecology (Semester), Capstone Math

Advanced Alg/Trig-Standard or Dual Enrollment, AP Calculus AB or BC, Statistics*

ADV PLACEMENT

AP Art, AP Biology, AP Calculus AB /or BC, AP Chemistry, AP Government (Semester)

AP Psychology (Semester), AP U.S. History AP Microeconomics*

JOURNALISM

Newspaper-3 Years, Yearbook—3 Years,

Application and interview required to be in this focus area.