MORRISTOWN-HAMBLEN HIGH SCHOOL EAST

"Where Traditions Begin"

Our Mission: ***Morristown-Hamblen High School East (MHHSE) provides a comprehensive educational experience to help students become ethical, self-reliant, life-long learners who contribute positively to our local communities and global society.***

Our Vision: ***Morristown-Hamblen High School East (MHHSE) will be a paragon of excellence in the district, region, and state in academics, instruction, and the intellectual/social development of empowered life-long learners.***

MORRIS- **TOWN-**

HAMBLEN
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Amy Helfenberger – H-O
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HAMBLEN COUNTY DEPARTMENT OF EDUCATION
2016-2017 CALENDAR

July 27	Teachers Return to Work
July 28	Student Registration; 11:15 a.m. Student Dismissal
July 29	Administrative Day**
August 1	First Full Day of School
August 4	In-Service**
September 5	Labor Day Holiday*
October 17—21	Fall Break*
November 8	Presidential Election*
November 23-25	Thanksgiving Holidays*
December 16	11:15 AM Dismissal
December 19—January 3	Winter Break*
January 2	Semester Break***
January 3	Return to School
January 16	Martin Luther King Holiday**
March 27-31	Spring Break*
April 14	Spring Holiday*
May 2	City Election*
May 17	Last Full Day of School
May 19	Grade Card Day & Graduation

* Holiday for students and staff
** Holiday for students; inservice for staff
*** Holiday for students; inservice for K-12 staff; admin. day for 9-12 staff

Policies & Procedures

Graduation Requirements

TN Diploma Project Requirements	# of Credits
English……..…… (Must include English I, II, III, & IV)	**4**
Mathematics…… (Must include Algebra I, Algebra II, Geometry & 1 additional advanced level math course) (Students will be required to take at least one mathematics course every year during high school)	**4**
Science…….. (Must include Biology I and Chemistry **or** Physics and 1 additional lab science)	**3**
Social Studies…….. (Must include World History & Geography, US History & Geography, US Government & Civics & Economics)	**3**
Wellness……	**1½**
Personal Finance……	**½**
***World Language**…….	**2**
***Fine Art (Visual, Performing and/or Dramatic)**……..	**1**
***Elective Focus**…..…….. (Must include a 3 course vocational/elective sequence in either Math and Science, Career and Technical Education, Fine Arts, Humanities, or Advanced Placement)	**3**
Additional Electives…… (Must include 1 credit in Computer Applications)	**6**
Total Credits to Graduate…….	**28**

***Fine Art, World Language, and Elective Focus – Total of 6 Credits:**

- •Fine Art–1 Credit
- •World Language–2 Credits (Same Language)
- •Elective Focus–3 Credits
  - –Students completing a Career and Technical Education (CTE) elective focus must complete three units in the same CTE program area or state approved program of study.
  - –Science, Math, STEM, Humanities, Fine Art, or Advanced Placement
  - –other area approved by local Board of Education
- •The Fine Art and World Language requirements may be waived for students who are sure they are not going to attend a University and be replaced with courses designed to enhance and expand the elective focus (one (1) course for the fine art and three (3) courses for the world language requirements).

Policies & Procedures

Graduation Requirements

A student must earn a minimum of 28 credits in the 9th through 12th grades, within four years and one summer, in order to graduate with a Morristown-Hamblen High School East diploma.

Students entering the 9th grade (Class of 2013) during the 2009-2010 school year, and all subsequent years, will follow new graduation requirements as approved by the Tennessee State Board of Education. These graduation requirements follow the program outlined in the Tennessee Diploma Project.

The number and type of requirements for each subject area are shown on the previous page.

In addition to the course requirements outlined in the Tennessee Diploma Project, students will also take End-Of-Course tests in nine (9) core academic subjects. The scores on these tests will count as a percentage of the second nine (9) weeks grade in that particular course. Students must pass the course in which an End-of-Course test is administered in order to receive a high school diploma.

In addition to a regular high school diploma, students will be eligible to be recognized with one of the following:

Graduation with Honors

- Students who score at or above all subject area readiness benchmarks on the ACT or equivalent score on the SAT.
    - ACT English Benchmark Score of 18
    - ACT Math Benchmark Score of 22
    - ACT Reading Benchmark Score of 22
    - ACT Science Benchmark Score of 23

Graduation with Distinction

- Students will attain a B average (GPA of 3.0 or higher) and complete at least one of the following:
    - Earn a nationally recognized industry certification
    - Participate in at least one of the Governor's Schools
    - Participate in one of the state's All State musical organizations
    - Be selected as a National Merit Finalist or Semi-Finalist (PSAT/SAT)
    - Attain a 31 or higher composite score on the ACT
    - Attain a score of 3 or higher on at least two AP exams
    - Earn 12 or more semester hours of transcripted postsecondary credit

Policies & Procedures

Work Ethic Diploma Distinction

The Tennessee Labor and Education Alignment Program (LEAP) has awarded a grant to Hamblen, Hawkins, and Grainger counties in conjunction with the Tennessee College of Applied Technology (TCAT) of Morristown and Phipps Bend. Beginning with the class of 2016, students may be eligible to graduate with the Work Ethic Diploma Distinction.

In order to receive the Work Ethic Diploma Distinction, students must meet certain standards developed by the LEAP grant, and Phipps Bend. These standards place emphasis on areas such as tardiness, absenteeism, career awareness, and drug free status. Each standard has been assigned a certain number of points, and students must receive 20 points in order to qualify. All of these standards are based upon the input of business leaders, human resource and plant managers, community leaders, and post-secondary representatives.

Students who earn the Work Ethic Diploma Distinction and meet certain job-related qualifications, will be guaranteed an interview with 21 companies located in Hamblen, Hawkins, and Grainger counties. They will also graduate with special recognition and regalia in an effort to recognize them for their dedication to obtaining this distinction.

Policies & Procedures

Planning Your Program of Study

The courses listed in this publication will help to prepare all students for their future educational and/or career goals. Please review this information and keep the following in mind for next year:

- Carefully review all graduation requirements
- Keep immediate and long range goals in mind
- Select courses that will fit your career and/or educational goals

Student Responsibility

It is the student's responsibility to be familiar with the scheduling policies and procedures contained in this guide and to see that all graduation requirements are met.

Credits and Class Standing

Students are classified according to grade level and assigned to appropriate homerooms at the beginning of each school year. Placement is determined by the number of credits earned. The following minimum number of credits are used to determine the grade level of each student:

Sophomores	7 credits
Juniors	14 credits
Seniors	20 credits

Grading Scale and GPA

Credits are awarded based upon the final semester grade. The cumulative GPA is calculated from final semester grades. Graduation GPA is calculated after the fall semester of the senior year. Grade reporting is done at the end of each nine (9) weeks. A progress report will be distributed at the mid-point of each nine (9) weeks. The following grading scale is used:

Grading Scale		**Quality Points**
A 93-100	Excellent	4.0
B 85- 92	Above Average	3.0
C 75- 84	Average	2.0
D 70- 74	Below Average	1.0
F 69 and below	Failure	0.0

Weighted Courses

Advanced Placement (AP) courses with end-of-course exams will include the addition of five (5) points to the grades used to calculate the term average. Dual Credit (DC) courses will include the addition of four (4) points to the grades used to calculate the term average. There is a State Dual Credit exam at the conclusion of this course that will allow students who pass the test to earn college credit for the course. Honors (H) courses and National Industry Certification courses will include the addition of three (3) points to the grades used to calculate the term average. Advanced Placement, National Industry, and honors courses will be approved annually by the Board. These additional points are required by the Tennessee Department of Education and are used to calculate a student's eligibility for the Lottery Scholarship.

In addition to these additional points, GPA's are also weighted to allow students to be competitive with other students from around the country when applying for various types of scholarships. For example, a B earned in a regular course typically translates into a 3.0 GPA. For an honors or dual credit course the GPA will be 3.5 and for an AP course the GPA will be 4.0.

Honors Courses

Adv. Algebra/Trigonometry (H)	Engineering Design & Development (H)
Aerospace Engineering (H)	English I (H)
Algebra I (H)	English II (H)
Algebra II (H)	Geometry (H)
Art I (H)	Health Information Technology (DC)
Biology I (H)	Introduction to Engineering Design (H)
Biology II (H)	Physics (H)
Chemistry I (H)	Pre-Calculus (DC)
Chemistry II (H)	Pre-Calculus (H)
Civil Engineering & Architecture (H)	Principles of Engineering (H)
Computer Integrated Manufacturing (H)	Sociology (DC)
Criminal Justice I (DC)	Spanish I-IV (H)
Digital Electronics (H)	Statistics (DC)

Policies & Procedures

Advanced Placement Courses

AP Biology	AP Government/Politics
AP Calculus II	AP Macroeconomics
AP Chemistry	AP Microeconomics
AP English Language & Composition	AP Psychology
AP English Literature & Composition	AP Spanish
AP Environmental Science	AP Studio Art: 2-D Design
AP Geography—9th only	AP US History

Advanced Placement Testing

Students enrolled in Advanced Placement (AP) courses are **required** to take the Advanced Placement (AP) test, given in May of each year. Students and parents will be required to sign a contract at registration indicating your agreement with and understanding of this policy.

Students who score a 3, 4, or 5 may be eligible to receive college credit or advanced placement in college. Please contact the individual college for more information about the acceptance of Advanced Placement (AP) test scores.

AP Scholar Awards

The AP Program offers several AP Scholar Awards to recognize high school students who have demonstrated college-level achievement through AP courses and exams. Although there is no monetary award, in addition to receiving an award certificate, this achievement is acknowledged on any AP score report that is sent to colleges the following fall.

*** AP Scholar**
Granted to students who receive scores of 3 or higher on three or more AP Exams.
*** AP Scholar with Honor**
Granted to students who receive an average score of at least 3.25 on all AP Exams taken, **and** scores of 3 or higher on four or more of these exams.
*** AP Scholar with Distinction**
Granted to students who receive an average score of at least 3.5 on all AP Exams taken, **and** scores of 3 or higher on five or more of these exams.

Framework of Standards for Honors Courses

Honors courses will substantially exceed the content standards, learning expectations, and performance indicators approved by the State Board of Education. Teachers of honors courses will model instructional approaches that facilitate maximum interchange of ideas among students: independent study, self-directed research and learning, and appropriate use of technology. All honors courses must include multiple assessments exemplifying coursework (such as short answer, constructed-response prompts, performance-based tasks, open-ended questions, essays, original or creative interpretations, authentic products, portfolios, and analytical writing). Additionally, an honors course shall include a minimum of five of the following components:

1. Extended reading assignments that connect with the specified curriculum.
2. Research-based writing assignments that address and extend the course curriculum.
3. Projects that apply course curriculum to relevant or real-world situations. These may include oral presentations, power point, or other modes of sharing findings. Connections of the project to the community is encouraged.
4. Open-ended investigations in which the student selects the questions and designs the research.
5. Writing assignments that demonstrate a variety of modes, purposes, and styles.
    A. Examples of mode include narrative, descriptive, persuasive, expository, and expressive.
    B. Examples of purpose include to inform, entertain, and persuade.
    C. Examples of style include formal, informal, literary, analytical, and technical.
6. Integration of appropriate technology into the course of study.
7. Deeper exploration of the culture, values, and history of the discipline.
8. Extensive opportunities for problem solving experiences through imagination, critical analysis, and application.
9. Job shadowing experiences with presentations which connect class study to the world of work.

Dual Enrollment

Juniors and seniors have the opportunity to take Dual Enrollment classes at Walters State Community College. All 3 semester hour courses taken at the college level will be the equivalent of a 1/2 credit at the high school level. For example, a student must take Comp I **and** Comp II at Walters State in order to receive **one full** English IV credit at East High.

Presently, the cost is $508 for a 3 hour course plus the cost of books. The Lottery Scholarship will pay up to $500 for the first two (2) courses, up to $200 for the third course, and will not pay for the fourth course. Students must have a GPA of 3.0 for enrollment and then maintain a GPA of 2.75 or better in all college level courses in order to continue to receive the Lottery Scholarship for dual enrollment courses. Students desiring to enroll in academic core courses, such as Comp I or Comp II must have an ACT English score of 18 as well as an ACT Reading score of 19. Students desiring to enroll in a math course must have an ACT Math score of 19.

If you have any questions regarding dual enrollment, please speak with one of the school counselors and review dual enrollment requirements for the particular college or university.

College Admission

It is never too early to begin considering where you would like to attend college, or to begin evaluating college admission requirements. College admission is based primarily on how well a student performs in high school. This performance is evaluated by the class rank, GPA, the rigor of the courses taken, and the scores earned on tests such as the ACT and/or SAT.

Colleges vary widely in their entrance requirements. Therefore, all students should refer to college catalogues and college counselors for additional information on admissions requirements. All students should review college requirements early in their high school career, especially if considering a private or very selective college.

Students who are considering applying for admission to a selective college or university should take the most rigorous and challenging college preparatory curriculum possible while in high school. The more demanding the course work, the better the chance that the student has for admission to the college of his/her choice.

A student's high school record is the single most important factor in gaining admission into college. Slightly lower grades in more rigorous courses may be more important than higher grades in easier courses. Honors (H) and Advanced Placement (AP) courses demonstrate the student's ability to handle the rigorous work required at the collegiate level. Selective colleges view the more rigorous work as an indication of the student's intellectual ability and desire to learn. College admissions officers take special note of Honors (H) and Advanced Placement (AP) courses on a student's high school transcript. Colleges and universities are also more concerned with a student's score on the ACT or SAT than they are with a student's GPA.

Schedule Change Policy

An extraordinary amount of time and effort is put into preparing the master schedule. Courses offered are determined by student interest and state curriculum requirements. Students should make their choices wisely as all schedule changes have a significant impact on class size, staffing requirements, and textbook availability.

Schedule changes will only be made for the following reasons:

- The school has made a scheduling error.
- A class is needed in order to meet graduation requirements.
- A prerequisite has not been successfully met.
- The student completed the course during credit recovery or summer school.
- The student failed the course in the previous semester.
- The change is required based upon the student's IEP.

Schedule changes will not be made based upon a preference for a particular teacher or to be moved into a class with friends.

Proof of Insurance

All Career and Technical (CTE) courses require that students provide proof of health insurance upon enrollment in a CTE course. Students who do not have health insurance may purchase a policy for $8. This policy covers the student for the entire year.

Repeating a Failed Course

When a student repeats a subject that was previously failed, the grade earned upon repeating the class will become a part of the student's permanent record, as well as the original "F". Both grades will be factored into the student's GPA.

Credit Recovery

Students who fail a core academic course with a grade of 50 or above, and have not lost credit due to attendance, may enroll in credit recovery. Credit recovery is a computer based opportunity to regain lost credit. The cost is $50 per course and the maximum grade that a student may earn is 70.

Policies & Procedures

TSSAA Athletic Eligibility

- A student must earn five credits the preceding school year if less than 24 units are required for graduation or six credits the preceding school year if 24 or more credits are required for graduation. All credits must be earned by the first day of the beginning of the school year.
- A student must be enrolled before the 20th school day of the semester, in regular attendance, and carrying at least five full courses during the present semester.
- A student is permitted eight semesters of eligibility beginning with the ninth grade.
- A student shall be ineligible in high school if he or she becomes 19 years of age on or before August 1st or in junior high if he or she becomes 16 years of age on or before August 1st.
- Athletes must live at home with their parents/legal guardians.
- In order for a transfer student with an athletic record to be eligible at another school there must be a bona fide change of residence by the athlete's parents.
- All transfer students must be approved by the Executive Director of TSSAA before participating in any game.
- A student who engages in three or more days of practice—including spring practice—with a high school in which he or she is enrolled shall be ineligible in that sport for 12 months if the student enrolls in another school without a corresponding change in the residence of his or her parents.
- A student whose name is listed on the school eligibility report cannot participate in an independent game or meet until the season has closed in that particular sport. (This does not include golf or tennis.)
- A registered athlete cannot accept any money for athletic skills in any TSSAA sponsored sport.
- An athlete may accept a medal, trophy, high school letter, sweater, jacket, shirt, blazer or blanket for athletic participation but nothing else of commercial value, and these awards must carry the school's letter or other appropriate award emblem.
- All expenses to an athletic camp, where specified instruction is offered, must be paid by the athlete or his parents.
- When an athlete is charged tuition to attend a school, it must be paid by the parent or bona fide guardian or other family member.
- Any student repeating the 7th grade after having passed the 7th grade or repeating the 8th grade after passing the 8th grade shall not be eligible to participate in athletics during their 9th grade year.
- A student may not participate in an all-star game unless it is sanctioned by the TSSAA and unless he/she has completed high school eligibility in that sport.

NCAA Clearinghouse

In order to participate in college athletics and receive athletically-based financial aid, students must register with the NCAA Initial-Eligibility Clearinghouse and meet academic and amateurism eligibility standards. Students may register online at https://www.ncaaclearinghouse.net. Upon registration, students will need to fill out the Student Release Forms online and return them to their guidance counselor.

The NCAA has adopted new legislation that will require prospects who intend to enroll at NCAA Division I and Division II institutions to supply ACT or SAT scores to the Clearinghouse directly from the testing agencies. The test code for NCAA on the ACT is 9999. **Test scores on an official high school transcript will no longer be usable for NCAA purposes.** All prospective student-athletes intending to enroll in a NCAA Division I or Division II institution for the first time on or after August 1, 2007 must complete the NCAA Amateurism Certification questionnaire.

Course Fees

(All fees are approved by the Hamblen County Board of Education in the spring of each year and are subject to change.)

AP Courses…..$10 & workbook	General Parking.....……$15
Art……$10	Locker Rental…..……...$5
Chemistry…….$10 & workbook	Marketing..……...$5
Computer/Business…….. $5	Project Lead The Way…….$10
Cosmetology…..…….$15	Science..……$10
Architectural Engineering & Design……$5	Theatre/Forensics……...$5
English…..…..cost of workbook	Wellness……...$5
Human Services…..……..…$10	Weight Training……...$5

TENNESSEE DIPLOMA PROJECT
Programs of Study—Elective Focus Options

AGRICULTURE

Any Agricultural CTE Course
Work-Based Learning
Computer Applications
Accounting I
Dual Enrollment in the Content Area

ARCHITECTURE & CONSTRUCTION

Any architectural or construction course
Work-Based Learning
Computer Applications
Dual Enrollment in the Content Area

COSMETOLOGY

Any Cosmetology CTE course
Computer Applications
Accounting I
Dual Enrollment in the Content Area

DIET & NUTRITION

Any Nutrition CTE course
Work-Based Learning
Computer Applications
Dual Enrollment in the Content Area

EDUCATION/TRAINING

Any Education CTE course
Work-Based Learning
Psychology or AP Psychology
Sociology
Computer Applications
Peer Tutor
Leadership
Dual Enrollment in the Content Area

HEALTH SCIENCES

Any Health Science CTE course
Work-Based Learning
Computer Applications
Anatomy & Physiology
AP Biology
Biology II
AP Chemistry
Chemistry II

HOSPITALITY/MARKETING

Any Marketing CTE course
Work-Based Learning
Computer Applications
Accounting I

INFORMATION TECHNOLOGY

Any Informational Technology CTE course
Work-Based Learning
Dual Enrollment in the Content Area

LAW & PUBLIC SAFETY

Any Criminal Justice CTE course
Work-Based Learning
Computer Applications
Dual Enrollment in the Content Area

MANUFACTURING

Any Manufacturing CTE course
Work-Based Learning
Computer Applications
Dual Enrollment in the Content Area

STEM

Any STEM CTE course
Work-Based Learning
Physics
Dual Enrollment in the Content Area
Computer Applications

TRANSPORTATION/LOGISTICS

Any TDL CTE course
Aerospace Engineering
Work-Based Learning
Computer Applications
Dual Enrollment in the Content Area

REMEDIAL

Freshman Skills
Any remedial courses (A classes)
ELL

MATH

3 Math courses beyond the 4 required
Dual Enrollment in the Content Area

SCIENCE

3 Science courses beyond the 3 required
Dual Enrollment in the Content Area

AP

3 AP courses

FINE ARTS

3 Fine Arts courses beyond the required in one area: visual arts or performing arts

SOCIAL STUDIES

3 Social Studies courses beyond the 3 required
Dual Enrollment in the Content Area

TENNESSEE DIPLOMA PROJECT Programs of Study—Elective Focus Options		
WELLNESS 3 Wellness courses beyond the one and a half required Dual Enrollment in the Content Area Diet & Nutrition courses Anatomy & Physiology Any Health Science Course **COMMUNICATIONS** Any Arts, Audio/Visual, Technology, or Communications course Creative Writing Journalism/Newspaper/Yearbook Broadcasting Web Page Design Work-Based Learning Dual Enrollment in the Content Area **FINANCE** Any 3 CTE Finance Courses Work-Based Learning **BUSINESS MANAGEMENT** Any 3 Business/Administration CTE courses Work-Based Learning AP Computer Science Dual Enrollment Computer Science Dual Enrollment Accounting		

ACADEMIC COURSE DESCRIPTIONS
2016-2017

CORE ACADEMIC COURSES—English

IA = Instructor Approval Required
(H) = Honors

Note: A handout of summer reading for the English I (H), English II (H), AP English Language and Composition, and AP English Literature and Composition courses will be distributed to students. Students will be required to purchase folders, notebooks, and report covers in addition to regular classroom supplies for all English courses.

FRESHMEN

Course #	*Course Title*	*Type of Credit*	*Prerequisite*
3075 & 13075	English Language Learner (All Year)	2 Elective Credits	ELL Teacher Recommendation
30011 & 30015	English I (CMA1) & English I (CMA2)	1 Elective & 1 English Credit	IEP Team Placement
930013 & 913001	English I A & English I	1 Elective & 1 English Credit	Hamblen County Placement
930011	English I (H)	1 English Credit	Hamblen County Placement

SOPHOMORES

Course #	*Course Title*	*Type of Credit*	*Prerequisite*
3075 & 13075	English Language Learner (All Year)	2 Elective Credits	ELL Teacher Recommendation
30020	English II	1 English Credit	English I Credit
230021	English II (H)	1 English Credit	English I Credit **and** IA

JUNIORS

Course #	*Course Title*	*Type of Credit*	*Prerequisite*
3075 & 13075	English Language Learner (All Year)	2 Elective Credits	ELL Teacher Recommendation
30030	English III	1 English Credit	English I & II Credit
313013 & 313440	AP English Language & Composition & AP US History	1 English & 1 Social Studies Credit	English II (H) Credit **and** IA

SENIORS

Course #	*Course Title*	*Type of Credit*	*Prerequisite*
3075 & 13075	English Language Learner (All Year)	2 Elective Credits	ELL Teacher Recommendation
30050	English IV	1 English Credit	English III Credit
313014	AP English Literature & Composition	1 English Credit	English III (H) Credit **and** IA

3075 & 13075 English Language Learners (ELL)
English Language Learners is a course designed for students whose native language is not English. A language specialist will teach English Language Learners. This course is for elective credit only and is required to be taken both semesters.

30011 & 130015 English I (CMA1) & English I (CMA2)
830010, or 930014 English I A & English I
English I is a course that integrates the Tennessee standards of language, communication, writing, research, logic, informational text, media, and literature in order to prepare students to be successful in college level courses. This course will include extensive reading and critical analysis of a variety of genres, including several significant literary works. Projects and essays, both individual and group, will constitute a significant portion of the student's grade, as well as coursework designed to enhance the student's development of vocabulary, application of grammar in context, and preparation for the ACT, SAT, and AP exams. In addition, students will complete a research paper. The Tennessee Ready (TNReady) assessment will be given at the completion of English I and the score will count as a percentage of the student's second 9-weeks grade for the English I course. ***This course meets the requirements of the Tennessee University and College System as a standard English credit. All students are required to pass English I in order to be eligible for a high school diploma.***

930011 English I (H)
English I (H) is a course that integrates, but substantially exceeds, the Tennessee standards of language, communication, writing, research, logic, informational text, media, and literature in order to prepare students to be successful in college level courses, as well as additional Honor's and Advanced Placement (AP) courses. The course will include outside reading assignments, research, a variety of writing assignments, and projects that ensure additional rigor and adhere to the Tennessee Framework of Standards for Honors Courses. The Tennessee Ready (TNReady) assessment will be given at

the completion of English I (H) and the score will count as a percentage of the student's second 9-weeks grade for the English I (H) course. ***This course meets the requirements of the Tennessee University and College System as a standard English credit. All students are required to pass English I in order to be eligible for a high school diploma.***

30020 English II
English II is a course that integrates the Tennessee standards of language, communication, writing, research, logic, informational text, media, and literature in order to prepare students to be successful in college level courses. This course will include extensive reading and critical analysis of a variety of genres, including several significant literary works. Projects and essays, both individual and group, will constitute a significant portion of the student's grade, as well as coursework designed to enhance the student's development of vocabulary, application of grammar in context, and preparation for the ACT, SAT, and AP exams. The Tennessee Ready (TNReady) assessment will be given at the completion of English II and the score will count as a percentage of the student's second 9-weeks grade for the English II course. ***This course meets the requirements of the Tennessee University and College System as a standard English credit. All students are required to pass English II in order to be eligible for a high school diploma.***

230021 English II (H)
English II (H) is a course that integrates, but substantially exceeds, the Tennessee standards of language, communication, writing, research, logic, informational text, media, and literature in order to prepare students to be successful in college level courses, as well as additional Honor's and Advanced Placement (AP) courses. This course will include extensive reading and critical analysis of a variety of genres, including several significant literary works. Projects and essays, both individual and group, will constitute a significant portion of the student's grade, as well as coursework designed to enhance the student's development of vocabulary, application of grammar, and preparation for the ACT. Students will complete a research paper. Prior to the beginning of the semester, students are required to read Ray Bradbury's *Fahrenheit 451*. These are all assignments that ensure additional rigor and adhere to the Tennessee Framework of Standards for Honors Courses. The Tennessee Ready (TNReady) assessment will be given at the completion of English II (H) and the score will count as a percentage of the student's second 9-weeks grade for the English II course. ***This course meets the requirements of the Tennessee University and College System as a standard English credit. All students are required to pass English II in order to be eligible for a high school diploma.***

30030 English III
English III is a course that integrates the Tennessee standards of language, communication, writing, research, logic, informational text, media, and literature in order to prepare students to be successful in college level courses. English III will span American Literature from the Colonial Period to Modern American Literature. In addition, this course focuses on: a brief grammar review; establishing connections among observations of various works; developing critical and analytical skills; writing and the development of clear, organized and coherent essays; expansive vocabulary growth and development; a variety of sentence structure; logical organization and a strong balance of critical analysis. Vocabulary development is emphasized, and a documented research paper will be required. The Tennessee Ready (TNReady) assessment will be given at the completion of English III and the score will count as a percentage of the student's second 9-weeks grade for the English III course. ***This course meets the requirements of the Tennessee University and College System as a standard English credit. All students are required to pass English II in order to be eligible for a high school diploma.***

313013 AP English Language and Composition*
AP English Language and Composition concentrates on analyzing and writing argumentative and expository prose on a college level. Students become skilled readers of argumentative and expository prose written in a variety of rhetorical contexts, and become skilled writers who can employ effective rhetorical strategies and styles for a variety of purposes and audiences. Students will analyze complex texts, engage in thoughtful classroom discussions, practice the writing process, and write analytical, argumentative, and synthesis essays with an emphasis on important social issues.

*Students signing up for AP English Language and Composition must also sign up for AP US History. Both courses will be taken together, on an A/B schedule.
Students are required to take the Advanced Placement Exam (cost of $92.00) given nationwide in May, with the opportunity of receiving college credit or advanced placement in college. Students and parents will be required to sign an AP Contract. **Summer reading is required. This course does fulfill the English III credit requirement.**

30050 English IV
English IV is a course that integrates the Tennessee standards of language, communication, writing, research, logic, informational text, media, and literature in order to prepare students to be successful in college level courses. English IV emphasizes persuasive essay composition skills, resumes and other business communication documents, research skills, and literary analysis essay writing. Furthermore, the course emphasizes vocabulary development and improves students' uses of grammar, mechanics, and style. The course is also a survey of British literature including poetry, drama, and prose fiction within the historical literary time periods ranging from the Anglo-Saxon period to Contemporary literature. ***This course meets the requirements of the Tennessee University and College System as a standard English credit. All students are required to pass English IV in order to be eligible for a high school diploma.***

313014 AP English Literature and Composition*
AP Literature and Composition is a concentrated study of composition skills and a survey of literary works studied on a college level using collegiate textbooks. The course is designed to engage students in the careful reading and critical analysis of British, American, and World literature. Students will deepen their understanding and appreciation of the techniques writers use to provide both meaning and pleasure to their readers. Students will evaluate a work's structure, style, and theme, as well as smaller-scale elements such as figurative language, imagery, symbolism, and tone.

Students are required to take the Advanced Placement Exam (cost of $92.00) given nationwide in May, with the opportunity of receiving college credit or advanced placement in college. Students and parents will be required to sign an AP Contract. **Summer reading is required. This course does fulfill the English IV credit requirement.**

CORE ACADEMIC COURSES—Mathematics

IA = Instructor Approval Required
(H) = Honors

FRESHMEN

Course #	*Course Title*	*Type of Credit*	*Prerequisite*
909108 & 919108	Modified Math (9th) (1st) (2nd)	2 Elective Credits	IEP Team Placement
931023 & 913102	Algebra I A (9th) & Algebra I (9th)	1 Elective & 1 Math Credit	Hamblen County Placement
9231021 & 9331021	Algebra I (H) (9th) (1st) & (2nd)	1 Elective & 1 Math Credit	Hamblen County Placement
931021 & 931081	Algebra I (H) (9th) & Algebra II (H) (9th)	2 Mathematics Credits	Hamblen County Placement

SOPHOMORES—JUNIORS—SENIORS

Course #	*Course Title*	*Type of Credit*	*Prerequisite*
31026 & 131026	Algebra I A & Algebra I B	2 Math Credits	IEP Team Placement & Sophomore Year
31023 131024	Algebra I A Algebra I	1 Elective Credit 1 Math Credit	Failure in Algebra I A as a Freshman and IA Algebra I A and IA
31033 13103	Algebra II A (1st) Algebra II (2nd)	1 Elective Credit 1 Math Credit	Algebra I B and IA Algebra II A and IA
31083 or 131080	Geometry A (1st) & Geometry (2nd)	1 Elective & 1 Math Credit	Algebra I B, Algebra II B and IA
19108	Modified Math (12th)	1 Math Credit	IEP Team Placement & Senior Year
231810	SAILS—Bridge Math	1 Math Credit	Senior Year and Math ACT score of 16-18

HONOR'S LEVEL MATHEMATICS COURSES

Course #	*Course Title*	*Type of Credit*	*Prerequisite*
231083 & 231081	Geometry A (H) (1st) & Geometry (H) (2nd)	1 Elective & 1 Math Credit	B or above in Algebra I B and IA
231033 or 2131034	Algebra II A (H) & Algebra II (H) (2nd)	1 Elective & 1 Math Credit	Geometry (H) and IA
203124 or 213124	Advanced Algebra/Trigonometry (H)*	1 Math Credit	Algebra I, Geometry, Algebra II and IA
3126DC	Statistics (DC)	1 Math Credit/DE Credit	Algebra I, Geometry, Algebra II and IA
31820	Finite Math (H)	1 Math Credit	Senior Year and IA
13126DC	PreCalculus (DC)	1 Math Credit/DE Credit	Algebra I, Algebra II, Geometry and Trigonometry
203126 or 213126	PreCalculus (H)*	1 Math Credit	High B, or above, average in Geometry and Algebra II or Adv. Algebra/Trig and IA
213113	Calculus I (H)	1 Math Credit	PreCalculus and IA
303128 & 313128	AP Calculus II (BC)	2 Math Credits	AP Calculus I and IA

909108 & 919108 Modified Math (9th)
Modified Math (Year-Long) is a course that integrates the Tennessee Standards of mathematical processes, numbers and operations, algebra, geometry and measurement, and data analysis, statistics, and probability to help students acquire the fundamentals of Algebra and to prepare them to be successful in college level mathematics. This course is designed to provide students with the mathematics foundation necessary to be successful in Algebra I, as well as subsequent mathematics courses. This course is taught for elective credit only. Students enrolled in this course must have an IEP and will take Algebra I during their sophomore year.

931023 Algebra I A (9th) & 93102 Algebra I (9th)
Algebra I A and Algebra I are courses that integrate the Tennessee Standards of mathematical processes, numbers and operations, algebra, geometry and measurement, and data analysis, statistics, and probability to help students acquire the fundamentals of Algebra and to prepare them to be successful in college level mathematics courses. Algebra I A is taken for an elective credit. Algebra I is taken for a math credit. The Tennessee Ready (TNReady) assessment will be given at the completion of Algebra I and the score will count as a percentago of the student's second 9-weeks grade for the Algebra I course. ***This course meets the requirements of the Tennessee University and College System as a standard Mathematics credit. All students are required to pass Algebra I in order to receive a high school diploma.***

931021 Algebra I (H) (9th)
Algebra I (H) is a course that integrates, but substantially exceeds, the Tennessee standards of mathematical processes, numbers and operations, algebra, geometry and measurement, and data analysis, statistics, and probability to help students acquire the fundamentals of Algebra and to prepare them to be successful in honors, AP, and college level mathematics courses. This course covers the

terminology, notation, concepts, skills, and application of elementary algebra, but it covers topics in greater depth than the regular Algebra course. All assignments adhere to the Tennessee Framework of Standards for Honors Courses. The Tennessee Ready (TNReady) assessment will be given at the completion of Algebra I and the score will count as a percentage of the student's second 9-weeks grade for the Algebra I (H) course. **Students who are enrolled in Algebra I (H) first semester will be enrolled in either Geometry (H) second semester.** ***This course meets the requirements of the Tennessee University and College System as a standard Mathematics credit. All students are required to pass Algebra I in order to receive a high school diploma.***

Algebra II (H) (9th)
Algebra II (H) is a course that integrates, but substantially exceeds, the Tennessee Standards of mathematical processes, numbers and operations, algebra, geometry and measurement, and data analysis, statistics, and probability to help students acquire the fundamentals of Algebra II and to prepare them to be successful in honors, AP, and college level mathematics courses. This course covers the terminology, notation, concepts, skills, and applications of Algebra II. It covers the topics in greater depth than regular Algebra II. All assignments adhere to the Tennessee Framework of Standards for Honors Courses. The Tennessee Ready (TNReady) assessment will be given at the completion of Algebra II (H) and the score will count as a percentage of the student's second 9-weeks grade for the Algebra II (H) course. ***This course meets the requirements of the Tennessee University and College System as a standard Mathematics credit. All students are required to pass Algebra II in order to receive a high school diploma.***

31026 & 131026 Algebra I A & Algebra I (IEP) (Year-Long)
Algebra I A & Algebra I (IEP) is a continuation of the Modified Math course taught during the freshman year. Algebra I (IEP) integrates the Tennessee Standards of mathematical processes, numbers and operations, algebra, geometry and measurement, and data analysis, statistics, and probability to help students acquire the fundamentals of Algebra and to prepare them to be successful in college level mathematics. Two math credits will be awarded at the successful completion of this course. Students enrolled in this course must have an IEP. The Tennessee Ready (TNReady) assessment will be given at the completion of the second semester of Algebra I (IEP) and the score will count as a percentage of the student's second 9-weeks grade for the Algebra I course. ***This course meets the requirements of the Tennessee University and College System as a standard Mathematics credit. All students are required to pass Algebra I in order to receive a high school diploma.***

31023 and 131024 Algebra I A and Algebra I
Algebra I A and Algebra I are courses that integrate the Tennessee Standards of mathematical processes, numbers and operations, algebra, geometry and measurement, and data analysis, statistics, and probability to help students acquire the fundamentals of Algebra and to prepare them to be successful in college level mathematics courses. Both courses serve to prepare the student for future work in mathematics. Algebra I A is taken for an elective credit. Algebra I is taken for a math credit. The Tennessee Ready (TNReady) assessment will be given at the completion of Algebra I and the score will count as a percentage of the student's second 9-weeks grade for the Algebra I course. **Students who are enrolled in Algebra I A first semester must also enroll in Algebra I second semester.** ***These courses meet the requirements of the Tennessee University and College System as a standard Mathematics credit. All students are required to pass Algebra I in order to be eligible for a high school diploma.***

31083 or 131080 Geometry A & Geometry
Geometry is designed for the study of plane and solid geometric figures. This course integrates the Tennessee Standards of mathematical processes, numbers and operations, algebra, geometry and measurement, and data analysis, statistics, and probability to help students acquire the fundamentals of Geometry and to prepare them to be successful in college level mathematics. The student learns to discover properties through inductive reasoning and to prove those properties by using deductive reasoning. A basic requirement is that the student be proficient in Algebra I. The Tennessee Ready (TNReady) assessment will be given at the completion of Algebra I and the score will count as a percentage of the student's second 9-weeks grade for the Geometry course. ***This course meets the requirements of the Tennessee University and College System as a standard Mathematics credit. All students are required to pass Geometry in order to be eligible for a high school diploma.***

131033 and 131034 Algebra II A and Algebra II
Algebra II A and Algebra II are courses that integrate the Tennessee standards of mathematical processes, numbers and operations, algebra, geometry and measurement, and data analysis, statistics, and probability to help students acquire the fundamentals of Algebra II and to prepare them to be successful in college level mathematics courses. This course covers the terminology, notation, concepts, skills, and applications of Algebra II. The Tennessee Ready (TNReady) assessment will be given at the completion of Algebra II and the score will count as a percentage of the student's second 9-weeks grade for the Algebra II course. **Students who are enrolled in Algebra II A (elective credit only) first semester must also enroll in Algebra II (mathematics credit) second semester.** ***This course meets the requirements of the Tennessee University and College System as a standard Mathematics credit. All students are required to pass Algebra II in order to receive a high school diploma.***

19108 Modified Math (12th)
Modified Math is a Senior level special education course. Students taking this course will learn extended life skills to aid them during life post-graduation. Students will learn about the different types of bank accounts, savings accounts, and retirement plans. They will also be introduced to the main types of insurance, differences between renting and owning, as well as buying an automobile. Students will also explore different jobs of interest, learn to write a resume, and learn to complete a job application.

231810 SAILS—Bridge Math
SAILS Mathematics is a program developed for high school seniors who have not met the ACT benchmark for college level math. These students are typically required to take Learning Support Mathematics in college before they are eligible to take credit-bearing college math. The SAILS program was developed by high school and community college math instructors and was piloted across the state in 2012. The course blends the leadership of a classroom teacher with an online program that allows students to progress through skills at their own pace. Students must complete a curriculum of homework assignments, quizzes, and exams in order to meet college expectations. The SAILS program is administered through

Chattanooga State Community College and is supervised locally through Walters State Community College.

HONOR'S LEVEL MATHEMATICS COURSES

203124 or 213124 Advanced Algebra/Trigonometry (H)
Advanced Algebra/Trigonometry (H) is a course that integrates, but substantially exceeds, the Tennessee standards of mathematical processes, numbers and operations, algebra, geometry and measurement, and data analysis, statistics, and probability to help students acquire the fundamentals of trigonometry and to prepare them to be successful in honors, AP, and college level mathematics courses. The student will study trigonometry, functions, and algebra topics. This course is designed to enhance math skills for students who did not earn a high B or better in Algebra II and may desire to take Pre-Calculus. All assignments adhere to the Tennessee Framework of Standards for Honors Courses. ***This course meets the requirements of the Tennessee University and College System as a standard Mathematics credit.***

3126DC Statistics (DC)
This course includes but is not limited to the following concepts: frequency distributions, normal distributions, measures of central tendencies, variation, and relative standing, parametric and nonparametric statistical operations, and advanced probability. This course is a college level course where one can earn both high school and college credit. College credit will count towards any state college in Tennessee.

Students in this class will be required to take the State Dual Credit Exam. There is no cost to take this exam, and a student who passes this exam with a score of 75% or higher will have college credit on his/her high school transcript.

31820 Finite Math (H)
Finite Math is a course that integrates the Tennessee standards of mathematical processes, numbers and operations, algebra, geometry and measurement, and data analysis, statistics, and probability to prepare students to be successful in college level mathematics and the workplace. Students choosing this course would be less likely to enroll in a STEM Calculus course upon entering college; however, this course will provide a foundation for students entering a business application calculus course or other general education mathematics course. Placement in this course is by teacher recommendation and principal approval. ***This course meets the requirements of the Tennessee University and College System as a standard Mathematics credit.***

13126DC PreCalculus (DC)
This course includes but is not limited to the following concepts: Simplifying expressions, solving equations and graphing functions involving quadratics, polynomials, absolute values, radicals, rationals, exponentials, logarithms, and trigonometry. Additionally, topics on vectors and conics (geometric and polar) will be included. This course is a college level course where one can earn both high school and college credit. College credit will count towards any state college in Tennessee.

Students in this class will be required to take the State Dual Credit Exam. There is no cost to take this exam, and a student who passes this exam with a score of 75% or higher will have college credit on his/her high school transcript.

203126 or 213126 PreCalculus (H)
PreCalculus (H) encompasses topics and concepts that grow out of Algebra. Algebra I (H) is a course that integrates, but substantially exceeds, the Tennessee standards of mathematical processes, numbers and operations, algebra, geometry and measurement, and data analysis, statistics, and probability to help students acquire the fundamentals of Algebra and to prepare them to be successful in honors, AP, and college level mathematics courses.Topics are studied from college Algebra, Trigonometry, and analytical Geometry. This course is intended for the student who is seeking a broad terminal course in secondary mathematics or for the student who is preparing for AP Calculus I (AB). All assignments adhere to the Tennessee Framework of Standards for Honors Courses. ***This course meets the requirements of the Tennessee University and College System as a standard Mathematics credit.***

213113 Calculus I (H)
Calculus I is intended for the student who has a thorough knowledge of college preparatory mathematics including Algebra, Axiomatic Geometry, Trigonometry, and analytical Geometry. Calculus I is a semester long course. All assignments adhere to the Tennessee Framework of Standards for Honors Courses. ***This course meets the requirements of the Tennessee University and College System as a standard Mathematics credit.***

303128 & 313128 AP Calculus II (BC)
AP Calculus BC (II) is a full year course in the calculus of functions of a single variable. The course is designed to qualify the student for placement and credit in a course that is one course beyond that granted for AP Calculus AB (I). This course will specifically cover topics such as parametric, polar, and vector functions; applications and computations of derivatives; techniques and applications of antidifferentiation; and polynomial approximations and series. All assignments adhere to the Tennessee Framework of Standards for Honors Courses.

Students are required to take the Advanced Placement Exam (cost of $92.00) given nationwide in May, with the opportunity of receiving college credit or advanced placement in college. Students and parents will be required to sign an AP Contract.

CORE ACADEMIC COURSES—Science

IA = Instructor Approval Required
(H) = Honors

FRESHMEN

Course #	*Course Title*	*Type of Credit*	*Prerequisite*
932100	Biology I (9th)	1 Science Credit	Hamblen County Placement
932101	Biology I (H) (9th)	1 Science Credit	Hamblen County Placement

SOPHOMORES—JUNIORS—SENIORS

Course #	*Course Title*	*Type of Credit*	*Prerequisite*
3260	Environmental Science	1 Science Credit	IEP Team Placement **and** Sophomore Year
32105	Biology I A	1 Elective Credit	IEP Team Placement **and** Junior Year
132106	Biology I	1 Science Credit	IEP Team Placement **and** Junior Year
32100	Biology I	1 Science Credit	Environmental Science **and** IA
3202	Physical Science	1 Science Credit	Biology I **and** Algebra **and** IA
3221	Chemistry I	1 Science Credit	Algebra I (B Average), Biology I **and/or** Physical Science **and** IA

Course #	*Course Title*	*Type of Credit*	*Prerequisite*
232211	Chemistry I (H)	1 Science Credit	Algebra II/Algebra II (B average), Biology I (H), **and** IA
203224	Chemistry II (H)	1 Science Credit	Chemistry I **and** IA
203216	Biology II (H)	1 Science Credit	Chemistry I **and** IA
303217 & 313217	AP Biology	2 Science Credits	Chemistry I (H) **and** IA
303225 & 313225	AP Chemistry	2 Science Credits	Chemistry I (H) **and** IA
313236	AP Environmental Science	1 Science Credit	Biology I, Chemistry I, **and** IA
203231	Physics (H)	1 Science Credit	Chemistry I, Pre-Calculus, **and** IA

932100 Biology I (9th)
Biology I is a required course for graduation. This course introduces the principles and concepts of biology. Emphasis is on basic biological chemistry, cell structure and function, metabolism and energy, genetics, and ecology. Students will be able to apply knowledge gained in this course to their everyday lives, make informed choices as members of the community, as well as to further their career in medicine, food services, cosmetology, and other related vocational areas. Upon completion, students should be able to demonstrate understanding of life at the molecular, cellular and population levels. Laboratory exercises reinforce lecture topics and include microscope techniques. Biology I offers a basic foundation for advanced studies in Biology II. The Tennessee End-of-Course (EOC) assessment will be given at the completion of Biology I and the score will count as a percentage of the student's second 9-weeks grade for the Biology I course. ***All students are required to pass Biology I in order to be eligible for a high school diploma. This course meets the requirements of the Tennessee University and College System as a standard Science credit.***

932101 Biology I (H) (9th)
Biology I (H) is a first year biology course providing the same curriculum as regular biology but at an accelerated pace. The use of literature, research, and scientific writing techniques are stressed. Students must have a solid background in writing, algebra, and the physical sciences, especially basic chemistry. All assignments adhere to the Tennessee Framework of Standards for Honors Courses. The Tennessee End-of-Course (EOC) assessment will be given at the completion of Biology I (H) and the score will count as a percentage of the student's second 9-weeks grade for the Biology I course. ***All students are required to pass Biology I in order to be eligible for a high school diploma. Biology I (H) is a required prerequisite for Biology II (H) and AP Biology. This course meets the requirements of the Tennessee University and College System as a standard Science credit.***

3260 Environmental Science
Environmental Science is a *laboratory science course* that will enable students to develop an understanding of natural and man-made environments and environmental problems the world faces. Students explore environmental science concepts through an inquiry-based approach. Embedded standards for Inquiry and Technology & Engineering are taught in the context of the content standards for Earth Systems. The Living World, Human Population, Water and Land Resources, Energy Resources and Consumption, Pollution and Waste Production, Global Change, and Civic Responsibility are also taught. ***This course meets the requirements of the Tennessee University and College System as a standard Science credit.***

32105 & 132106 Biology I A (IEP) & Biology I (IEP)
Biology I A (IEP) and Biology I (IEP) is a year-long course designed for students who have an IEP. Biology I A (IEP) and Biology I B (IEP) are *laboratory science courses* that investigate the relationship between structure and function from molecules to organisms and systems, the interdependence and interactions of biotic and abiotic components of the environment, and mechanisms that maintain continuity and lead to changes in populations over time. Students explore biological concepts through an inquiry approach. Embedded standards for Inquiry, Technology & Engineering, and Mathematics are taught in the context of the content standards for Cells, Interdependence, Flow of Matter and Energy, Heredity, and Biodiversity and Change. The Tennessee End-of-Course (EOC) assessment will be given at the completion of Biologoy I and the score will count as a percentage of the student's second 9-weeks grade for the Biology I course. ***All students are required to pass Biology I in order to be eligible for a high school diploma. This course meets the requirements of the Tennessee University and College System as a standard Science credit.***

32100 Biology I
Biology I is a required course for graduation. This course introduces the principles and concepts of biology. Emphasis is on basic biological chemistry, cell structure and function, metabolism and energy, genetics, and ecology. Students will be able to apply knowledge gained in this course to their everyday lives, make informed choices as members of the community, as well as to further their career in medicine, food services, cosmetology, and other related vocational areas. Upon completion, students should be able to demonstrate understanding of life at the molecular, cellular and population levels. Laboratory exercises reinforce lecture topics and include microscope techniques. Biology I offers a basic foundation for advanced studies in Biology II. The Tennessee End-of-Course (EOC) assessment will be given at the completion of Biology I and the score will count as a percentage of the student's second 9-weeks grade for the Biology I course. ***All students are required to pass Biology I in order to be eligible for a high school diploma. This course meets the requirements of the Tennessee University and College System as a standard Science credit.***

3202 Physical Science
Physical Science is a *laboratory science course* that builds upon the concepts learned in previous science and math classes to explore the relationships of matter and energy. Students will be able to investigate concepts through inquiry-based learning techniques in the laboratory setting. Energy, matter, motion, and forces will be explored during this class, and the student will leave with the knowledge to successfully step in to a Chemistry or Physics classroom. ***This course meets the requirements of the Tennessee University and College System as a standard Science credit.***

32210 Chemistry I
Chemistry is a *laboratory science course* in which students investigate the composition of matter and the physical and chemical changes it undergoes. Students use science process skills to study the fundamental structure of atoms, the way they combine to form compounds, and the interactions between matter and energy. Students explore chemistry concepts through an inquiry approach. Embedded standards for Inquiry, Mathematics, and Technology & Engineering are taught in the context of the content standards for Atomic Structure, Matter and Energy, and Interactions of Matter. The Tennessee End-of-Course (EOC) assessment will be given at the completion of Chemistry I and the score will count as a percentage of the student's second 9-weeks grade for the Chemistry I course. ***All students are required to pass either Chemistry or Physics in order to be eligible for a high school diploma. This course meets the requirements of the Tennessee University and College System as a standard Science credit.***

232211 Chemistry I (H)
Chemistry I (H) is a math-based science course that is required for graduation. Students will study the composition of matter and how matter undergoes chemical and physical changes. Laboratory activities will emphasize the scientific process, including the completion of a written lab report. Teaching methods will include, but will not be limited to lecture, problem solving, laboratory, small group activities, and projects. All assignments adhere to the Tennessee Framework of Standards for Honors Courses. The Tennessee End-of-Course (EOC) assessment will be given at the completion of Chemistry I (H) and the score will count as a percentage of the student's second 9-weeks grade for the Chemistry I (H) course. ***This course meets the requirements of the Tennessee University and College System as a standard Science credit.***

203216 Biology II (H)
Biology II (H) is a *laboratory science course* in which students engage in an in-depth study of the principles of biology. This course emphasizes both internal and external structures of living things as well as how these structures relate to the functioning of the organism. Students will explore biological concepts through inquiry based learning both in the classroom and laboratory setting. Students will be provided multiple learning styles including, but not limited to: lecture, laboratory studies, and guided practice. All assignments adhere to the Tennessee Framework of Standards for Honors Courses.

303217 & 313217 AP Biology
AP Biology is a course that is designed to be the equivalent of a first y ear college biology course. This course requires the taking of the AP Test during the Spring semester. AP Biology is intended for students who are seeking a rigorous course in biology and who are intending to pursue a career in fields that have a strong science background. This course uses a college textbook and students will be required to complete assignments outside of class. Students will be provided multiple learning styles including but not limited to: lecture, laboratory studies, guided practice, and essays. All assignments adhere to the Tennessee Framework of Standards for Honors Courses.

Students are required to take the Advanced Placement Exam (cost of $92.00) given nationwide in May, with the opportunity to receive college credit or advanced placement in college. Students and parents will be required to sign an AP Contract.

203224 Chemistry II (H)
Chemistry II (H) is for students who wish to continue their exploration into the science of Chemistry. Topics covered in Chemistry I will be covered in more depth and new topics of kinetics, thermodynamics, and equilibrium will be introduced. More advanced math and laboratory skills will be required. Teaching methods will include, but will not be limited to: lecture, problem solving, laboratory, small group activities, and projects. All assignments adhere to the Tennessee Framework of Standards for Honors Courses.

303225 & 313225 AP Chemistry
AP Chemistry is a Chemistry course equivalent to a first year college Chemistry class. Students are required to take the AP Chemistry exam in May. It is designed for students who plan on furthering their education in pursuit of a scientific career. Topics from Chemistry I will be covered in more depth and new topics of kinetics, thermodynamics, equilibrium, electrochemistry, and organic chemistry will be introduced. Advanced math and lab skills are a major component of this class. The successful student will spend time outside of class in preparation and study. Teaching methods will include, but will not be limited to: lecture, problem solving, laboratory, small group activities, and projects. All assignments adhere to the Tennessee Framework of Standards for Honors Courses.

Students are required to take the Advanced Placement Exam (cost of $92.00) given nationwide in May, with the opportunity to receive college credit or advanced placement in college. Students and parents will be required to sign an AP Contract.

313236 AP Environmental Science
The AP Environmental Science course is designed to be the equivalent of a one-semester, introductory college course in environmental science. The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. All assignments adhere to the Tennessee Framework of Standards for Honors Courses.

Students are required to take the Advanced Placement Exam (cost of $92.00) given nationwide in May, with the opportunity to receive college credit or advanced placement in college. Students and parents will be required to sign an AP Contract.

32311 Physics (H)
Physics is a math-based science course that examines the relationship between matter and energy and how they interact. Students explore topics such as motion, velocity, acceleration, thermodynamics, waves, and electromagnetism. Instructional methods will include, but will not be limited to: lecture, laboratory activities, small group activities, projects, and written assignments. Students are expected to enter the course with a strong math background which includes trigonometry. All assignments adhere to the Tennessee Framework of Standards for Honors Courses. ***This course meets the requirements of the Tennessee University and College System as a standard Science credit.***

CORE ACADEMIC COURSES—Social Studies

IA = Instructor Approval Required
(H) = Honors

FRESHMEN

Course #	*Course Title*	*Type of Credit*	*Prerequisite*
903401	World History & Geography (9th)	1 Social Studies Credit	Hamblen County Placement
903450	AP Geography (9th)	1 Social Studies Credit	Hamblen County Placement

SOPHOMORES—JUNIORS—SENIORS

Course #	*Course Title*	*Type of Credit*	*Prerequisite*
23407	US Government & Civics (10th)	1 Social Studies Credit	None
3432DC	Sociology (DC)	1 Social Studies Credit & College Credit	None
34050	US History & Geography	1 Social Studies Credit	11th Grade Student
	Economics	1 Social Studies Credit	12th Grade Student

HONOR'S LEVEL SOCIAL STUDIES COURSES

Course #	*Course Title*	*Type of Credit*	*Prerequisite*
313447	AP Psychology	1 Social Studies Credit	IA
	AP US Government	1 Social Studies Credit	IA
313440 & 313013	AP US History & AP English Language & Composition	1 Social Studies & 1 English Credit	11th Grade Student **and** IA

903410 World History & Geography: The Industrial Revolution to the Contemporary World (9th)
Students will study the rise of the nation state in Europe, the French Revolution, and the economic and political roots of the modern world. They will examine the origins and consequences of the Industrial Revolution, nineteenth century political reform in Western Europe, and imperialism in Africa, Asia, and South America. They will explain the causes and consequences of the great military and economic events of the past century, including the World Wars, the Great Depression, the Cold War, and the Russian and Chinese Revolutions. Finally, students will study the rise of nationalism and the continuing persistence of political, ethnic, and religious conflict in many parts of the world. Relevant Tennessee connections will be part of the curriculum, as well as appropriate primary source documents. Students will explore geographic influences on history, with attention given to political boundaries that developed with the evolution of nations from 1750 to the present and the subsequent human geographic issues that dominate the global community. Additionally, students will study aspects of technical geography such as GPS and GIS, and how these innovations continuously impact geopolitics in the contemporary world.

903450 AP Geography (9th)
The purpose of AP Geography is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the Earth's surface. Students use special concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice. All assignments and activities adhere to the Tennessee Framework of Standards for Honors Courses. ***This course meets the requirements of the Tennessee University and College System as a standard Social Studies credit.***

Students are required to take the Advanced Placement Exam (cost of $92.00) given nationwide in May, with the opportunity of receiving college credit or advanced placement in college. Students and parents will be required to sign an AP Contract.

3432DC Sociology (DC)
In Sociology, students learn to approach social issues with objective problem-solving skills. They will learn to view their own lives within a larger social and historical context and to understand the social

processes and social systems in their community. Topics included will be the study of culture, social control, social stratification, social institutions, and social problems such as poverty, discrimination, and crime. While studying these topics, students will learn to analyze real life situations to gain an understanding of their causes, effects, and solutions. By comparing cultures, students will gain a more diverse view of the ways that groups live and deal with change. ***This course meets the requirements of the Tennessee University and College System as a standard Social Studies credit.***

Students in this class will be required to take the State Dual Credit Exam. There is no cost to take this exam and a student who passes this exam will have college credit on his/her high school transcript.

313447 AP Psychology
AP Psychology investigates the effect of biological and environmental factors on the behavior of individuals. Topics include the study of human development, personality, memory, mental illness, and techniques used in coping with everyday problems such as stress. All assignments and activities adhere to the Tennessee Framework of Standards for Honors Courses.

Students are required to take the Advanced Placement Exam (cost of $92.00) given nationwide in May, with the opportunity to receive college credit or advanced placement in college. Students and parents will be required to sign an AP Contract.

Students cannot enroll in AP Psychology <u>for an additional high school credit if they have already received credit</u> for the regular Psychology course.

34050 US History & Geography: Post-Reconstruction to the Present
In this course students will examine the causes and consequences of the Industrial Revolution and America's growing role in world diplomatic relations, including the Spanish-American War and World War I. Students will study the goals and accomplishments of the Progressive movement and the New Deal. Students will also learn about the various factors that led to America's entry into World War II, as well as its consequences for American Life. Students will explore the causes and course of the Cold War. Students will study the important social, cultural, economic, and political changes resulting from the Civil Rights Movement, the Cold war, and recent events and trends that have shaped modern-day America. Additionally, students will learn the causes and consequences of contemporary issues impacting their world today. Students will continue to use skills for historical and geographical analysis as they examine American history since Reconstruction with special attention to Tennessee connections in history, geography, politics, and people. Finally, students will focus on current human and physical geographic issues important in contemporary America and the global society.

303440 & 313440 AP US History*
AP US History is a survey study equivalent to the demands of an introductory college course. Emphasis is on the time from the colonial period to the present. This course requires an in-depth study, using the chronological and/or topical approach, of the political, socio-economic, and cultural aspects of this period. An advanced textbook will be used and extensive reading will be required. All assignments and activities adhere to the Tennessee Framework of Standards for Honors Courses. ***This course meets the requirements of the Tennessee University and College System as a standard Social Studies credit.***

*Students signing up for AP US History must also sign up for AP English Language and Composition. Both courses will be taken together, on an A/B schedule.

Students are required to take the Advanced Placement Exam (cost of $92.00) given nationwide in May, with the opportunity to receive college credit or advanced placement in college. Students and parents will be required to sign an AP Contract.

3407 US Government/Civics
This course provides a comprehensive study of the government of the United States. This course will examine the nature, organization, and function of local, state, and federal governments. ***All students are required to pass US Government (or AP Government & Politics US) in order to be eligible for a high school diploma. This course meets the requirements of the Tennessee University and College System as a standard Social Studies credit.***

313445 AP Government /Politics
GOPO is a comprehensive study of US Government and Economics. In this course students will study the general concepts used to interpret US government and politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute US government and politics. This course uses laptops, apps, and ebooks in addition to traditional resources to enable students to complete assignments outside of the classroom. ***This course meets the requirements of the Tennessee University and College System as a standard Social Studies credit.***

Students are required to take the Advanced Placement Exam (cost of $92.00 each) given nationwide in May, with the opportunity to receive college credit or advanced placement in college. Students and parents will be required to sign an AP Contract.

ELECTIVE COURSES—Fine Arts

IA = Instructor Approval Required

FRESHMEN

Course #	*Course Title*	*Type of Credit*	*Prerequisite*
903501	Art I (9th)	1 Elective/Fine Arts Credit	None
	Art I (H)	1 Elective/Fine Arts Credit	IA
903521	Drama I (9th)	1 Elective/Fine Arts Credit	B Average in English
903531	Chorus: Intro to Vocal Music	1 Elective/Fine Arts Credit	Admission by Audition Only (IA)
3530	Band I: Marching Band	1 Elective/Fine Arts Credit	None
13530	Band II: Concert Band	1 Elective/Fine Arts Credit	None

SOPHOMORES—JUNIORS—SENIORS

Course #	*Course Title*	*Type of Credit*	*Prerequisite*
3501	Art I	1 Fine Arts Credit	None
3052	Art II	1 Fine Arts Credit	C average or better in Art I
3503	Art III	1 Fine Arts Credit	C average or better in Art II
3435	AP Studio Art: 2-D Design	1 Fine Arts Credit	IA

Course #	*Course Title*	*Type of Credit*	*Prerequisite*
3530	Band I: Marching Band	1 Fine Arts Credit	None
13530	Band II: Concert Band	1 Fine Arts Credit	None

Course #	*Course Title*	*Type of Credit*	*Prerequisite*
3521	Drama I	1 Fine Arts Credit	None
3522	Drama II	1 Fine Arts Credit	B average in Drama I **and** Admission by Audition Only (IA)
3523 & 13523	Forensics-Drama	2 Fine Arts Credits	IA
6104	Student Success through Service	1 Elective Credit	By Application Only

Course #	*Course Title*	*Type of Credit*	*Prerequisite*
9103531	Chorus: Intro to Vocal Music	1 Fine Arts Credit	Audition
13531	Chorus: Concert	1 Fine Arts Credit	Chrous: Intro. and/or Audition
103531	Chorus: Women's	1 Fine Arts Credit	Chrous: Intro. and/or Audition
203531 & 213531	Chorus: Advanced	2 Fine Arts Credits	Chrous: Intro. and Audition

903501 Art I (9th)
Art I is a one-semester credit course that explores the eight elements of art through studio art including drawing, painting, collage, and assemblage. The later part of the course involves investigations of artists and art history using skills developed earlier in the course. This course is open to all students.

Art I (H) (9th)
This course explores the Elements of Art and Principles of Design through primarily digital and photographic media. This course will require the daily use of computers and will teach students how to create compositions expressing the Elements and Principles using Adobe Photoshop and other Adobe graphic software. No prior computer or software experience required. Middle school teacher recommendation required.

903521 Drama I (9th)
This is both a general communications class and an introduction to theatre. Students prepare speeches, work cooperatively with peers, and participate in informal theatre activities such as storytelling, pantomime, and improvisation. Students maintain a notebook and a portfolio of their work.

9103531 Chorus: Intro to Vocal Music
This course is designed for the beginning music student interested in vocal performance. The emphasis will be on learning to read music and rhythms in addition to vocal technique. It will serve as a prerequisite for Chorus: Concert, Chorus: Women's, and Chorus: Advanced and is a Fine Arts Credit.

3530 Band I: Marching Band
The band supports our athletic department by performing at all football games, selected festivals (requires some Saturdays), and parades. After-school rehearsals are required during the marching band season. There is a required band camp two weeks prior to the start of school.

13530 Band II: Concert Band
The primary goal of the Concert Band is to develop a working knowledge and performance ability of Concert Band and solo repertoire. The band performs at concert festivals, graduation, and a spring concert. The band will also support our athletic department by performing at basketball games.

3501 Art I
Art I is a course that explores the eight elements of art through studio art projects including drawing, painting, collage, and assemblage. The later part of the course involves investigations of artists and art history using skills developed earlier in the course. This course is open to all students.

3052 Art II
Art II offers the student an environment in which they can further build upon the skills developed in Art I. In-depth investigations of important artists and critical periods of art history are conducted through 2-dimensional and 3-dimensional assignments and student developed projects. The ability to work independently and to be self-motivated is essential.

3503 Art III
This visual art course combines writing and art skills, as a means of artistic expression, into a form of basic advertising and communication. Graphic design, drawing, composition, lettering, calligraphy, and print making are included.

3435 AP Studio Art: 2-D Design
This course is a year-long course that is an intensive and in-depth study of 2-dimensional design. Students will create a series of works exploring a personal concept, as well as two other bodies of work that demonstrate technical skill and breadth of abilities. All students are required to submit a 2D Design portfolio to AP Central in the spring for scoring. Pre-requisites: Art I, Art II, and Art III or with instructor's permission. Course fee $20/semester plus cost of AP examination fee.
Students are required to submit a design portfolio in May.

3521 Drama I
This class includes a survey of theatre history and emphasizes acting/directing exercises as well as analysis and performance of scenes. Drama I also involves research and outside reading. Opportunities for performance include participation in community events and participation in community outreach programs for children.

3522 Drama II
The objective of Drama II is to prepare the student, who has a background in theatre, for a theatrical performance. This performance is normally a one-act play. Drama II emphasizes scene analysis, character development, and involvement in all aspects of the production process. Research and outside reading are required.

3523 & 13521 Forensics—Drama
Forensics offers a unique experience for students to explore literature through interpretation and public speaking events. This course allows students to express themselves through debate, extemporaneous speaking, original oratory, impromptu as well as many acting events. This class requires that students attend Saturday tournaments.

6104 Success Skills through Service Learning
The Success Skills through Service Learning (Youth Leadership) course is offered to sophomore and junior students who have demonstrated outstanding leadership abilities. The purpose of this course is to assist the student in gaining an in-depth knowledge of his/her community, to more fully develop their leadership qualities, and to assume future leadership roles. This course is open to sophomore and junior students by application only. Students who are interested in applying for this course must complete a written application, have excellent school attendance (no more than five excused absences per semester), participate in a personal interview, and have a minimum GPA of 2.0. **Applications are available from Mrs. McClellan in Room 226.**

13531 Chorus: Concert
This course is a performance-oriented choral music class. Musical understanding based on aural perception, history, and literature of music form and style is taught. Students should have an intermediate knowledge of music reading. Prerequisite is Chorus:General and/or Audition. Availability to students who do not meet prerequisites is dependent on the size of the class. Students will be expected to participate in a few special performances outside of regular school time each semester.

103531 Chorus: Women's
This course is a performance-oriented choral music class for girls only. Musical understanding based on aural perception, history and literature of musical form and style is taught. Students should have an intermediate knowledge of music reading. Prerequisite is Chorus:General and/or Audition. Availability to students who do not meet prerequisites is dependent on the size of the class. Students will be expected to participate in a few special performances outside of regular school time each semester.

203531 & 213531 Chorus: Advanced
This course is a performance-oriented choral music class. Musical understanding based on aural perception, history, and literature of musical form and style is taught. Students should have an advanced knowledge of music reading and sight-singing. Prerequisite is Chorus:General and Audition. Students will be expected to participate in numerous special performances outside of regular school time each semester. **Only auditioned students who meet all requirements will be permitted in this class.**

ELECTIVE COURSES—Health Education

IA = Instructor Approval Required

FRESHMEN

Course #	*Course Title*	*Type of Credit*	*Prerequisite*
903303	Lifetime Wellness (9th)	1 PE Credit	None
33302	PE II/Weightlifting (BB)	1 PE Credit	Member of Basketball Team
913303	Lifetime Wellness (FB) (9th)	1 PE Credit	Football Players Only

SOPHOMORES—JUNIORS—SENIORS

Course #	*Course Title*	*Type of Credit*	*Prerequisite*
3303	Lifetime Wellness (Repeat)	1 Elective Credit	Failure of Lifetime Wellness as a Freshman
3302	PE II/Weightlifting	1 Elective Credit	A passing grade in Lifetime Wellness **and/or** an A or B in previous Advanced PE II course
33302	PE II/Weightlifting (BB)	1 Elective Credit	Basketball Players Only (1st semester)
13302 & 23302	PE II/Weightlifting (FB)	2 Elective Credits	Football Players Only (1st & 2nd semester)

903303 Lifetime Wellness (9th)
This course places emphasis on physical activity. Sufficient time is allotted to demonstrate improvement in health related fitness areas. Units to be taught include nutrition, substance use/abuse, sexuality and family life, safety and first aid, disease prevention and control, as well as mental health and personal fitness. ***All students are required to pass Lifetime Wellness in order to be eligible for a high school diploma.***

913303 Lifetime Wellness (FB) (9th)
This course contains all of the components of 903303. In addition, the student will be taught how to develop and strengthen the different muscles of the body with emphasis placed on cardio-vascular conditioning, as well as the proper techniques of weightlifting. This course is for freshmen football players only and will be taught during the 2nd semester. ***All students are required to pass Lifetime Wellness in order to be eligible for a high school diploma.***

3033 Lifetime Wellness (Repeat)
This course places emphasis on physical fitness. Sufficient time is provided to demonstrate improvement in health related fitness areas. Units to be taught include nutrition, substance use/abuse, sexuality and family life, safety and first aid, disease prevention and control, as well as mental health, and personal fitness. ***All students are required to pass Lifetime Wellness in order to be eligible for a high school diploma.***

3302 PE II/Weightlifting
PE II/Weightlifting is designed to teach the student the proper techniques of weightlifting. The student will be taught how to develop and strengthen the different muscles of the body with emphasis placed on cardio-vascular conditioning. **Students are required to successfully complete Lifetime Wellness before taking this course. Students who take this course more than one time must have an A or B in a previous course.**

33302 PE II/Weightlifting (BB)
13302 & 23302 PE II/Weightlifting (FB)
This PE II/Weightlifting course is designed to teach the student the proper techniques of weightlifting. The student will be taught how to develop and strengthen the different muscles of the body with emphasis placed on cardio-vascular conditioning. **This course is for basketball (1st semester) and football players (1st and 2nd semesters) only and will be taught 4th period. Senior varsity football players should only sign up for the fall semester course.**

ELECTIVE COURSES—Personal Finance/Physical Education (Required)

JUNIORS and SENIORS ONLY

Course #	***Course Title***	***Type of Credit***	***Prerequisite***
3301 & 5901*	Lifetime Fitness & Personal Finance	1/2 PE Credit/1/2 Personal Finance Credit	Juniors & Seniors who have **not** participated in varsity athletics, marching band, or cheerleading
5901 & 5898	Personal Finance & Business Economics	1/2 Personal Finance Credit/ 1/2 Business Economics Credit	Juniors & Seniors who have participated in varsity athletics, marching band, or cheerleading

3301 Lifetime Fitness and 5038 Personal Finance*
This course places emphasis on developing an appreciation for lifetime fitness. The student will be required to participate in a variety of fitness practices including both aerobic and anaerobic activities. Units will include a variety of individual and team sports along with activities that will develop cardiovascular health (walking, weight training, volleyball, circuit training, etc.). This course is limited to junior and senior students who have **NOT** participated in varsity athletics, marching band, or cheerleading. ***All students are required to pass Lifetime Fitness in order to be eligible for a high school diploma.***

*Students signing up for Lifetime Fitness must also sign up for Personal Finance. Both courses will be taken for nine weeks each, during the same semester.

5901 Personal Finance
Personal Finance is a course designed to help students understand the impact of individual choices on occupational goals and future earnings potential. Real world topics covered will include income, money management, spending, and credit, as well as saving and investing. Students will design personal and household budgets; simulate use of checking and saving accounts; demonstrate knowledge of finance, debt, and credit management; and evaluate and understand insurance and taxes. This course will provide a foundational understanding for making informed personal financial decisions. ***All students are required to pass Personal Finance in order to be eligible for a high school diploma.***

5898 Business Economics
Business Economics is a course that provides an in-depth study of fundamental concepts, free enterprise trading practices, and the various players in the economic system. Topics include the production, marketing, and distribution of goods and services, as well as the roles of financial institutions, the government, and the individual within the free enterprise system. Students will explore various careers related to the economy. International trade and economics have become an integral part of business economics.

ELECTIVE COURSES—World Languages**

Required

IA = Instructor Approval

German

Course #	Course Title	Type of Credit	Prerequisite
3051	German I	1 Foreign Language Credit	GPA of 2.5 or higher **and** a B average in English
3052	German II	1 Foreign Language Credit	C average in German I

Spanish

Course #	Course Title	Type of Credit	Prerequisite
3021	Spanish I	1 Foreign Language Credit	GPA of 2.5 or higher **and** a B average in English
203021	Spanish I (H)	1 Foreign Language Credit	GPA of 2.5 or higher **and** a B average in English
3022	Spanish II	1 Foreign Language Credit	C average in Spanish I
203022	Spanish II (H)	1 Foreign Language Credit	GPA of 2.5 or higher, C in Spanish I (H)/A in Spanish I, and IA
203023	Spanish III (H)	1 Foreign Language Credit	Spanish I, II, **and** IA
313025	AP Spanish Language	1 Foreign Language Credit	Spanish I, II, III **and** IA

3051 German I
The purpose of this course is to enable the student to begin to acquire proficiency in German through a well-balanced approach with emphasis on the development of the four language skills (listening, speaking, reading, and writing). A cross cultural understanding is fostered, and real-life-applications are emphasized. The teacher will speak as much as possible in the target language. However, grammar, culture, history, mentality, literature, art, music, and economic development of present-day Germany and other German-speaking countries will be discussed in English.

3052 German II
The purpose of this course is to systematically deepen and improve the students' ability to speak, understand, read, and write German in a cultural context. Students will focus on reading and discussion of modern texts, conversation, composition, grammar review, and cultural activities.

3021 Spanish I
The primary goal of Spanish I is to encourage an interest in the language, culture, and history of Spanish-speaking countries. In this class, basic grammatical concepts are introduced and put into practice. The design of the class requires much participation on the part of the learner. Language production in the target language (Spanish) is encouraged from the first day throughout the semester. Students will read, write, hear, and speak Spanish on a daily basis. This class also fosters college and career readiness skills such as organization, teamwork, and responsibility. Due to the grammatical aspect of the class, it is recommended that the student be proficient in English grammar concepts before taking Spanish I.

Spanish I (H)
In the honors section of Spanish I, students will be expected to learn more vocabulary and complex grammatical structures than in the regular Spanish I class. Students will also be expected to complete a variety of projects and presentations on various topics learned in the class throughout the semester. Target language production and aural comprehension skills will be emphasized daily. Students interested in taking Honors Spanish I should have at least a 2.5 GPA and a B average in English.

3022 Spanish II
In Spanish II, the learner will build upon skills acquired in Spanish I in order to increase their ability to communicate in the target language. Major emphasis is placed on different types of verb conjugation in the past, future, and conditional tenses. In Spanish II, more emphasis is put on oral communication in real-life situations. Students will present information in Spanish, perform skits in Spanish, and connect their Spanish language usage to their personal lives both now and in the future. Although the prerequisite for Spanish II is a passing grade in Spanish I, it is also recommended that the student maintain a B average in English and a GPA of at least 2.5.

Spanish II (H)
In the honors section of Spanish II, students will be expected to learn more vocabulary and complex grammatical structures than in the regular Spanish II class. Student s will also be expected to complete a variety of projects and presentations on various topics learned in the class throughout the semester. Target language production and aural comprehension skills will be emphasized daily. Students interested in taking Honors Spanish II should have at least a 2.5 GPA and a C or higher in Honors Spanish I or an A in Regular Spanish I. (Teacher approval required.)

203023 Spanish III (H)
Spanish III provides a quick review of topics covered in Spanish I and Spanish II. Oral language skills are emphasized. Short stories, plays, and poetry are read and studied. In addition to expanding skills in the areas of reading, writing, speaking, and listening, cultural topics related to Spanish-speaking countries are addressed.

313025 AP Spanish Language
In AP Spanish, there is a heavy emphasis on the study of Spanish and Hispanic culture and history. Students will also discuss current events, art, film, literature, and cross-curricular topics in Spanish. Students will focus on subject-specific vocabulary for common professions such as those in medicine, law, and business. This class will be taught almost entirely in the target language.

All students are required to take the Advanced Placement Exam (cost of $92.00) given nationwide in May, with the opportunity of receiving college credit or advanced placement in college. Students and parents will be required to sign an AP Contract.

STEM Academy

Mission: Unlocking the doors to creativity and innovation.

The Morristown-Hamblen High School East STEM Academy was founded on the belief that students who excel in Science, Technology, Engineering, and Mathematics should work together to create innovative, research-based projects that will mutually benefit, not only their respective programs, but society as a whole. Therefore, students who enroll in STEM classes will be expected to complete project and research based assignments.

While not exclusive, the following list of courses lend themselves to project based instruction and are an integral component of the STEM curriculum.

Science

Biology
Chemistry
Physics
Landscape and Turf Sciences
Agricultural Power and Equipment
Agriscience
Principles of Agricultural Mechanics
Greenhouse Management
Principles of Plant Science and Hydroculture

Technology

Computer Applications
Web Site Development
Desktop Publishing
Engineering Design
Web Design Foundations
Business Communications
Advanced Computer Applications

Engineering

Introduction to Engineering Design
Principles of Engineering
Digital Electronics
Computer Integrated Manufacturing
Civil Engineering and Architecture
Aerospace Engineering
Engineering Design and Development

Mathematics

Algebra I
Geometry
Algebra II
Advanced Algebra/Trigonometry
PreCalculus
Calculus I
Calculus II
Statistics

CTE ELECTIVE COURSES—CAREER CLUSTERS & PROGRAMS OF STUDY—AGRICULTURE EDUCATION

IA = Instructor Approval Required
Freshman Level Courses—Bold

AGRICULTURE, FOOD, AND NATURAL RESOURCES—CAREER CLUSTER

Horticulture Science—Program of Study

Course #	*Course Title*	*Type of Credit*	*Prerequisite*
5957	**Agriscience**	**1 Elective Credit**	**Interest in Agriculture**
6119	Principles of Plant Science & Hydroculture	1 Elective Credit	Agriscience
5954	Greenhouse Management	1 Elective Credit	Agriscience & Principles of Plant Science
5951	Landscaping & Turf Science	1 Elective Credit	Agriscience & Principles of Plant Science

Agricultural Engineering & Applied Technologies—Program of Study

Course #	*Course Title*	*Type of Credit*	*Prerequisite*
5957	**Agriscience**	**1 Elective Credit**	**Interest in Agriculture**
5944	Principles of Agricultural Mechanics	1 Elective Credit	Agriscience
5945	Agricultural Power and Equipment	1 Elective Credit	Principles of Agricultural Mechanics

5957 Agriscience
This course is an introductory laboratory science course that prepares students for biology, subsequent science and agriculture courses, and postsecondary study. This course helps students understand the important role that agriculture science and technology serves in the 21st century. This course counts as a lab science credit toward graduation and college entrance requirements.

6119 Principles of Plant Science & Hydroculture
This course focuses on essential knowledge and skills related to the science of plant growth. This course covers principles of plant health, growth, reproduction, and biotechnology, as well as fundamental principles of hydroponics and aquaponics.

5954 Greenhouse Management
This course is an applied-knowledge course designed to prepare students to manage greenhouse operations. This course covers principles of greenhouse structures, plant health and growth, growing media, greenhouse crop selection and propagation, and management techniques. It provides students with the technical knowledge and skills needed to prepare for further education and careers in horticulture production. ***Students in this class will be required to take the State Dual Credit Exam. There is no cost to take t his exam and a student who passes this exam will have college credit on his/her high school transcript.***

5951 Landscaping and Turf Science
This course is an applied-knowledge course designed to provide challenging academic standards and relevant technical knowledge and skills needed for further education and careers in landscape design, maintenance, and turf management. Content includes site analysis and planning, principles of design, and plant selection and care techniques.

5944 Principles of Agricultural Mechanics
Principles of Agricultural Mechanics is a course introducing students to basic skills and knowledge in construction and land management for both rural and urban environments. This course covers topics including project management, basic engine and motor mechanics, land surveying, irrigation and drainage, agricultural structures, and basic metalworking techniques.

5945 Agricultural Power and Equipment
This is an applied-knowledge course in agricultural engineering with special emphasis on laboratory activities involving small engines, tractors, and agricultural equipment. The standards in this course address navigation, maintenance, repair, and overhaul of electrical motors, hydraulic systems, and fuel-powered engines as well as exploration of a wide range of careers in agricultural mechanics.

CTE ELECTIVE COURSES—CAREER CLUSTERS & PROGRAMS OF STUDY—BUSINESS EDUCATION

IA = Instructor Approval Required
Freshman Level Courses—Bold

BUSINESS, MANAGEMENT, AND ADMINISTRATION—CAREER CLUSTER

Office Management—Program of Study

Course #	*Course Title*	*Type of Credit*	*Prerequisite*
5891 **(905891)**	**Computer Applications**	**1 Elective Credit**	**None**
5888	Business Communications	1 Elective Credit	Computer Applications
5889	Business Management	1 Elective Credit	Computer Applications
5904	Advanced Computer Applications	1 Elective Credit	Computer Applications

CTE ELECTIVE COURSES—CAREER CLUSTERS & PROGRAMS OF STUDY—BUSINESS EDUCATION—Continued

Administrative & Information Support—Program of Study

Course #	*Course Title*	*Type of Credit*	*Prerequisite*
5891 **(905891)**	**Computer Applications**	**1 Elective Credit**	**None**
15888 & 25888	Journalism Newspaper	1 Elective Credit	Approval from Mrs. Vannoy
106104 & 216104	Journalism Yearbook	1 Elective Credit	Approval from Mrs. McClellan

INFORMATION TECHNOLOGY—CAREER CLUSTER

Web Design—Program of Study

Course #	*Course Title*	*Type of Credit*	*Prerequisite*
6095	Information Technology Foundations	1 Elective Credit	None
6100	Web Design Foundations	1 Elective Credit	Computer Applications
6101	Web Site Development	1 Elective Credit	Computer Applications

Networking—Program of Study

Course #	*Course Title*	*Type of Credit*	*Prerequisite*
6095	Information Technology Foundations	1 Elective Credit	None
6094	Computer Systems	1 Elective Credit	Information Technology & Algebra I
6097	Networking	1 Elective Credit	Computer Systems & Algebra I

FINANCE—CAREER CLUSTER

Accounting—Program of Study

Course #	*Course Title*	*Type of Credit*	*Prerequisite*
5905	Introduction to Business & Marketing	1 Elective Credit	None
5910	Accounting I	1 Elective Credit	Algebra I **and** Computer Applications
5911	Accounting II	1 Elective Credit	Accounting I **and** Computer Applications

5891 Computer Applications (905891)
This course is a foundational course intended for students to learn the concepts associated with key application software, basic computing fundamentals, and ethics and appropriate behavior while using technology as a tool in the classroom and in life. The Computer Applications student will become proficient at a basic level in application for word processing, spreadsheets, databases and presentations, and able to proceed to more advanced coursework in any of these areas.

5888 Business Communications
This is a course that prepares students for oral, written, and electronic business communications in the twenty-first century, including memos, reports, legal forms, and proposals, as well as the modern use of emails, instant messages, web pages, and web-video presentations and meetings. Emphasis will be placed on business communications via social media, multimedia web pages, webinars and video web conferences. Student will review and practice the styles and successful methods for professional business communications using the proper tools to deliver effective publications and presentations, digital connections and communications, and video conferencing.

5889 Business Management
Students in Business Management will develop a foundation in the many activities, problems, and decisions that are intrinsic to the management of a successful business, as well as an appreciation for the importance of these responsibilities. Areas to be examined include business organization, ethical and legal responsibilities, communication, decision-making, personnel, safety, professional development, and related careers. By gaining an understanding of these areas, students will be better prepared to enhance the business decisions for tomorrow.

5904 Advanced Computer Applications
This is a capstone course in which students will learn necessary skills in problem solving using current and emerging integrated technology to include a variety of input technologies in the production of professional quality business documents and presentations. The course focuses on student choice, accountability and performance. Students increase their employability by working toward the attainment of high-level skills in the areas of integrated software applications, communication skills, ethical issues, human relations, leadership, self-management, and workplace management. Students may choose areas of specialization and achieve industry certification in areas such as word processing, spreadsheet applications, multimedia presentations, schedule and contact management, etc. ***An industry certification may be earned at the completion of this course for Microsoft Office Specialist.***

5905 Introduction to Business & Marketing
This is an introductory course designed to prepare students for the growing complexities of the business world by examining basic principles of business, marketing, and finance in addition to exploring key aspects of leadership, ethical and social responsibilities, and careers. Students' academic skills in communications, mathematics, and economics are reinforced with activities modeled in the context of business topics.

15888 & 25888 Journalism Newspaper
Newspaper is a full year production of the school newspaper as a primary objective. Emphasis is on news writing style with practice in

editing, layout, and headline writing. Desktop publishing is used in the production of the paper. Computer skills are desired. In addition to writing skills, students with skills in interviewing, investigative skills, creativity, and interest in artistic design are encouraged to apply. **Applications are available from Mrs. Vannoy in Room 314.**

205888 & 215888 Journalism Yearbook
Journalism Yearbook is an exciting class that works to tell the history of the year. There are many facets involved in the production of the yearbook such as picture taking, interviewing, creating page layouts, sales and much more. Applicants should have excellent grammar and people skills. Students publish the ITAKHA. **Applications are available from Mrs. McClellan in Room 226.**

6095 Information Technology Foundations
Information Technology Foundations is a course intended to provide students with exposure to various information technology occupations and pathways such as Networking Systems, Programming and Software Development, and Web Design . Proficient students will be able to demonstrate logical thought processes and discuss the social, legal, and ethical issues encountered in the IT profession.

6100 Web Design Foundations
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. The course content provides students the opportunity to acquire fundamental skills in both theory and practical application of Web Design and of leadership and interpersonal skill development. Laboratory facilities and experiences simulate those found in the Web Page Design and construction industry.

6101 Web Site Development
Web Site Development builds on the skills and knowledge gained in Web Design Foundations to further prepare students for success in the web design and development fields. Emphasis is place don applying the design process toward projects of increasing sophistication, culminating in the production of a functional, static website. As students work toward this goal, they acquire key skills in coding, project management, basic troubleshooting and validation, and content development and analysis. Artifacts of the work completed in this course will be logged in a student portfolio demonstrating mastery of skill and knowledge. ***An industry certification may be earned at the completion of this course in CIW Internet Business Associate.***

5905 Introduction to Business & Marketing
This is an introductory course designed to prepare students for the growing complexities of the business world by examining basic principles of business, marketing, and finance in addition to exploring key aspects of leadership, ethical and social responsibilities, and careers. Students' academic skills in communications, mathematics, and economics are reinforced with activities modeled in the context of business topics.

5910 Accounting I
The goal of business is to make money. Accounting is often called the language of business because it deals with how a business handles its money. This course will teach students how to gather, record and analyze financial information for a business such as its sales, expenses, inventory, and payroll. Projects include creating a plan to open a business, researching companies for the purchase of stocks, leadership in a business setting, and working through a simulated business keeping its accounting up to date. Upon completion of accounting, students will have the skills necessary to find employment as a bookkeeper or use it as excellent preparation for college level business courses.

5911 Accounting II
Accounting II is an advanced study of concepts, principles and techniques that build on the competencies acquired in Accounting I used in keeping the electronic and manual financial records of a sole proprietorship, a partnership and a corporation. Departmental, management, cost, and not-for-profit accounting systems are explored. This course will apply the theory and practices developed in Accounting I.

6094 Computer Systems
Computer Systems is an intermediate course designed to prepare students with work-related skills and aligned certification in the information technology industry. Content provides students the opportunity to acquire knowledge in both theory and practical applications pertaining to hardware, operating systems, safe mode, command prompt, security, networking, printers, peripheral devices, laptops, mobile devices, troubleshooting, and customer service management. Upon completion of this course, proficient students will have acquired skills and knowledge to install, configure, and maintain computer systems. Students who are proficient in this course will be eligible to pursue the IT industry-standard credential, CompTIA's A+ certification.

6097 Networking
Networking is an advanced course designed to emphasize the conceptual and practical skills necessary to design, manage, and diagnose network hardware and software. Upon completion of this course, proficient students will identify types of networks, understand the layers of the open systems interconnection (OSI) model, prevent security risks, and apply troubleshooting theory to the successful execution of networking tasks. Course content covers transmission control protocol, internet protocol, wired and wireless topologies, switching and routing, network hardware, wireless networking, and network operating systems (NOS). Upon completion of this course, proficient students will be prepared to sit for the Comp TIA Network+ exam.

CTE ELECTIVE COURSES—CAREER CLUSTERS & PROGRAMS OF STUDY—HUMAN SERVICES

IA = Instructor Approval Required
Freshman Level Courses—Bold

EDUCATION AND TRAINING—CAREER CLUSTER

Teaching as a Profession (K-12)—Program of Study

Course #	*Course Title*	*Type of Credit*	*Prerequisite*
6123	**Fundamentals of Education**	**1 Elective Credit**	**None (9th & 10th)**
6010	Teaching as a Profession I (TAP)	1 Elective Credit	None
6125	Teaching as a Profession II (TAP)	1 Elective Credit	TAP I

HUMAN SERVICES—CAREER CLUSTER

Social Health Services—Program of Study

Course #	*Course Title*	*Type of Credit*	*Prerequisite*
6137	**Introduction to Human Studies**	**1 Elective Credit**	**None (9th & 10th)**
6013	Lifespan Development	1 Elective Credit	None
6136	Family Studies	1 Elective Credit	None

Dietetics and Nutrition—Program of Study

Course #	*Course Title*	*Type of Credit*	*Prerequisite*
6137	**Introduction to Human Studies**	**1 Elective Credit**	**None (9th & 10th)**
6005	Nutrition I	1 Elective Credit	None
6007	Nutrition II	1 Elective Credit	Nutrition I

Cosmetology—Program of Study

Course #	*Course Title*	*Type of Credit*	*Prerequisite*
5983	**Cosmetology I**	1 Elective Credit	None
5986	Cosmetology II	1 Elective Credit	Cosmetology I
5984	Cosmetology III	1 Elective Credit	Cosmetology II

6123 Fundamentals of Education
This course is a foundational course in the Teaching as a Profession sequence. This class emphasizes the very basics of a career in education. Students will study the basic educational bodies and their responsibilities. Students get the experience of viewing the day in the life of a teacher through the observation process at the elementary and middle school grade levels. Students research and develop a long-term plan for obtaining a degree in education.

6010 Teaching as a Profession I
Teaching as a Profession is an applied-knowledge course for students interested in learning more about becoming a professional in education. Students participate in the components of instruction, teaching strategies, and student learning. Students experience the classroom through the observation experience at both elementary and middle school levels. The class will allow students to hear many guest speakers that are involved in careers in education and gain valuable experiences that will benefit them at the college level.

6125 Teaching as a Profession II
This course is an applied knowledge course for student sin the Education and Training career cluster. This course covers classroom management, concepts of higher order of thinking, differentiating instruction and strategies of effective classroom planning. Students in this course will demonstrate their skills in laboratory setting while building a course portfolio of work.

6137 Introduction to Human Studies (9th & 10th Grade)
Introduction to Human Studies is a foundational course for students interested in becoming a public advocate, social worker, dietician, nutritionist, counselor, stay-at-home parent or community volunteer. This course covers the history of counseling, career investigation, stress management, mental illness, communication, health, wellness, and safety.

6013 Lifespan Development
Lifespan Development builds basic knowledge in human growth and development. The course standards include developmental theory, principles of growth, behavior of children from conception through adolescence, adult development and aging, and death and dying.

6136 Family Studies
Family Studies is an applied knowledge course that examines the modern family. This class focuses on relationships that are involved in creating and building a healthy and happy family. Students will participate in activities that allow them to understand the process of dating and mate selection as it relates to marriage. Family Studies gives students the knowledge to help them be a parent and deal with the stressors that the family faces. Students will complete projects and hear guest speakers that are experts in this field.

6005 Nutrition I
Nutrition I is a class that allows students to learn about basic cooking procedures, meal planning, and preparation. The course also covers

information about the human body and how it uses food to have optimum energy and health. Students will complete cooking labs, create models of the digestive system, and work on team projects. Students will compete with other students in the final activity called "The Food Truck Project." Students will design and create a food item from their menu to compete with other teams to win the competition.

6007 Nutrition II
Nutrition II is a class that combines cooking in the kitchen and working in a science lab environment. The class will involve researching the different diseases and the basic nutritional needs of the patient. Students will complete cooking labs as they relate to nutrition for patients that are suffering from a disease or just want to prevent the disease. Along with the labs, students will be involved in taste tests and comparisons of different food items. Other topics covered will include obesity, eating disorders, and the nutritional needs of our community.

5391 Cosmetology I
This entry-level course is designed to introduce you to an exciting career as a professional cosmetologist. You will be introduced to hair and scalp care, hair cutting, hairstyling techniques, nail care, and cosmetic applications. These procedures will enhance the beauty and attractiveness of you and your future clients. As you progress through your training, you will gain hands-on experience and the added confidence to excel in the beauty industry. Upon completion of this course, you will be prepared for advancement into cosmetology II design principles.

5394 Cosmetology II
This course is designed to advance your knowledge and skill in haircutting, hair styling techniques, nail care, and skin care in a salon setting. You will also be introduced to chemical procedures performed in the salon such as permanent waving, chemical relaxing, and hair coloring. Upon completion of this course you will be ready to advance into cosmetology III chemistry of cosmetology.

5392 Cosmetology III
This is an advanced course designed for the aspiring cosmetologist. In this class you will perform work-related services using chemicals. You will apply your knowledge and skill in performing hair coloring, permanent waving, and chemical relaxing. You will receive advance training in nail care, including the application of artificial nails. East student will have the opportunity to compete in local, regional, and state competitions. Upon completion of this course, you will be ready to advance into a technical or private school to prepare for licensure as a cosmetologist.

CTE ELECTIVE COURSES—CAREER CLUSTERS & PROGRAMS OF STUDY—HEALTH SCIENCE EDUCATION

IA = Instructor Approval Required
Freshman Level Courses—Bold

HEALTH SCIENCE—CAREER CLUSTER

Therapeutic Clinical Services—Program of Study

Course #	*Course Title*	*Type of Credit*	*Prerequisite*
5998	**Health Science Education**	**1 Elective Credit**	**None**
5999	Medical Therapeutics	1 Elective Credit	Health Science Education
5990	Rehabilitation Careers	1 Elective Credit	Health Science Education

Therapeutic Nursing Services—Program of Study

Course #	*Course Title*	*Type of Credit*	*Prerequisite*
5998	**Health Science Education**	**1 Elective Credit**	**None**
5999	Medical Therapeutics	1 Elective Credit	Health Science Education
5991	Anatomy & Physiology (Health Science)	1 Elective Credit	Health Science Education
6000	Nursing Education	1 Elective Credit	Health Science Education & Medical Therapeutics or Anatomy

Clinical Exercise Physiology—Program of Study

Course #	*Course Title*	*Type of Credit*	*Prerequisite*
5998	**Health Science Education**	**1 Elective Credit**	**None**
5990	Rehabilitation Careers	1 Elective Credit	Health Science Education
6170	Exercise Science	1 Elective Credit	Health Science Education & Rehabilitation Careers

Health Informatics—Program of Study

Course #	*Course Title*	*Type of Credit*	*Prerequisite*
5998	**Health Science Education**	1 Elective Credit	None
5883	Medical Terminology	1 Elective Credit	Health Science Education
5997	Health Information Technology (DC)	1 Elective Credit	Health Science Education & Medical Terminology

5998 Health Science Education
Health Science Education is an introduction to health care occupations and basic skills. It offers a peek inside the world of medical research careers, a variety of medical careers such as nursing, dentistry, medicine, physical therapy, etc., health informatics (how computers are used in healthcare), and an overview of the history of healthcare and how it has evolved over the years. This course should be taken prior to any other health occupations course.

5999 Medical Therapeutics
Medical Therapeutics teaches the basic concepts of therapeutic careers, such as nursing, dentistry, psychotherapy, pharmacy, and a multitude of other allied health careers. Alternative therapies, CPR, first aid, vital signs, and other skills are also taught.

5990 Rehabilitation Careers
This course will focus on enabling the person to live to the fullest capacity possible. Units will include sports medicine, physical therapy, occupational therapy, speech/language therapy, art, music, dance therapy, and others.

5991 Anatomy & Physiology
Human anatomy and physiology functions are assessed. Descriptive results of abnormal physiology will be examined and clinical consequences will be evaluated. A workable knowledge of medical terminology will be demonstrated.

6000 Nursing Education
This course is designed for those students that desire to enter the nursing field. In this course students will learn how to provide care for residents of a long-term care facility (nursing home). They will learn appropriate procedures for changing clothes, bathing, providing pericare (incontinence care), feeding, and direct bedside nursing. The will complete 40 classroom hours, 40 classroom lab hours, and 20 clinical hours in a long-term care facility. Prerequisites include Health Science Education, either Medical Therapeutics or Anatomy & Physiology, a letter of recommendation from a teacher and the student must be a junior or senior. These courses must be passed with a 'C' and have been completed within a year of taking this course. Students must have excellent attendance due to specific hours required by the state to complete the course successfully and have no behavior issues. Upon completion of this course, qualifying students will have the opportunity to test for certification as a nurse assistant, making them ready to enter the work force. **This course requires purchasing scrubs prior to clinicals and the $90 for testing at the end of the course.** ***An industry certification may be earned at the completion of this course for Certified Nursing Assistant.***

6170 Exercise Science
This course is designed to prepare students to pursue careers in kinesiology and exercise physiology services. Students will learn the importance that exercise, nutrition, and rehabilitation play in athletes or patients with debilitating or acute metabolic, orthopedic, neurological, psychological, and cardiovascular disorders.

5883 Medical Terminology
This course is designed to provide students with the opportunity to develop working knowledge of the language of healthcare professionals. Students will acquire vocabulary-building and problem-solving skills by learning prefixes, suffixes, roots, combining forms, and abbreviations commonly used in medical fields. Utilizing a body systems approach, students will define, interpret, and pronounce medical terms relating to structure and function, pathology, diagnosis, clinical procedures, and pharmacology.

5997 Health Information Technology
This course is intended to prepare students with an understanding of the changing world of health care information. With the inclusion of electronic medical records, electronic billing, and electronic prescriptions, students in all healthcare professions must increasingly demonstrate competency in health information and health informatics. ***Health Information Technology is a Dual Credit class with statewide articulation. Students enrolled in this course will be required to take the dual credit certification test.**

CTE ELECTIVE COURSES—CAREER CLUSTERS & PROGRAMS OF STUDY—MARKETING EDUCATION

IA = Instructor Approval Required
Freshman Level Courses—Bold

HOSPITALITY and TOURISM—CAREER CLUSTER

Marketing Management—Program of Study

Course #	*Course Title*	*Type of Credit*	*Prerequisite*
5905	**Introduction to Business & Marketing**	**1 Elective Credit**	**None**
5931	Marketing and Management I: Principles	1 Elective Credit	None
5932	Marketing and Management II: Advanced Strategies	1 Elective Credit	Marketing and Management I
6168	Sports & Event Planning & Management	1 Elective Credit	Marketing and Management I

Additional Courses

Course #	*Course Title*	*Type of Credit*	*Prerequisite*
6105 & 106105	Work Based Learning—CTE	2 Elective Credits	IA (Seniors Only)

5905 Introduction to Business & Marketing
This is an introductory course designed to prepare students for the growing complexities of the business world by examining basic principles of business, marketing, and finance in addition to exploring key aspects of leadership, ethical and social responsibilities, and careers. Students' academic skills in communications, mathematics, and economics are reinforced with activities modeled in the context of business topics.

5931 Marketing and Management I—Principles
Marketing is designed to introduce students to the world of developing and naming new products for a business, pricing products to compete; creating exciting advertising through social, broadcast and print media then getting the products to consumers. Projects include designing the packaging for a snack or shampoo or cereal box; using art to design a magazine ad, billboard or even the home page of a company web-site. Other areas of interest include public relations, product management, target markets and leading an ad campaign. Marketing is an excellent preparation for college business courses and work related skills in customer service and sales.

5932 Marketing and Management II: Advanced Strategies
This course is a study of marketing concepts and principles used in management. Students will examine the challenges, responsibilities, and risks managers face in today's workplace. Subject matter includes finance, business ownership, risk management, marketing information systems, purchasing, promotion, and human resource skills.

6168 Sports & Event Planning and Management
This course is designed to be a project-based, capstone experience in which students research, prepare, deliver, and reflect upon an original event for a community organization or non-profit. Proficient students in this course will further refine leadership, teamwork, and management skills acquired in previous courses and apply them through application in a practicum setting. The course is highly customizable to meet local needs: partner organizations may be chosen at the discretion of student teams, with the approval of the instructor and appropriate school personnel.

6105 and 106105 Work Based Learning: CTE (Senior Only)
Requires the approval of Marketing Work-Based Learning Coordinator, Mrs. Fowler. Work-Based Learning requirements include the following:

- A verifiable job. (Taxes must be taken out of your paycheck) No babysitting.
- Valid driver's license
- Automobile for transportation to and from work and school **(The student must drive to and from school daily).**
- Current automobile insurance.
- Current health insurance or school insurance.
- Currently enrolled in a marketing class.
- No more than 10 absences per semester.
- Passing grade in all classes.
- Attend weekly meetings

CTE ELECTIVE COURSES—CAREER CLUSTERS & PROGRAMS OF STUDY—TRADE & INDUSTRY EDUCATION

IA = Instructor Approval Required
Freshman Level Courses—Bold

ARCHITECTURE & CONSTRUCTION—CAREER CLUSTER

Industrial Electricity & Automation—Program of Study

Course #	*Course Title*	*Type of Credit*	*Prerequisite*
6051	Industrial Electricity I	1 Elective Credit	None
106051	Industrial Electricity II	1 Elective Credit	Industrial Electricity I

GOVERNMENT & PUBLIC ADMINISTRATION or LAW, PUBLIC SAFETY, CORRECTIONS, & SECURITY—CAREER CLUSTERS

Law Enforcement Services-Programs of Study

Course #	*Course Title*	*Type of Credit*	*Prerequisite*
6155	**Principles of Law, Corrections, & Security**	1 Elective Credit	None
5987	Criminal Justice I (DC)	1 Elective Credit	Principles of Law, Corrections, & Security
5988	Criminal Justice II	1 Elective Credit	Criminal Justice I
5989	Criminal Justice III: Investigation	1 Elective Credit	Criminal Justice II

MANUFACTURING—CAREER CLUSTER

Electromechanical Technology—Program of Study

Course #	*Course Title*	*Type of Credit*	*Prerequisite*
5922	Principles of Manufacturing	1 Elective Credit	None
6091	Introduction to Electromechanical	1 Elective Credit	Principles of Manufacturing
6090	Advanced Electromechanical Technology	1 Elective Credit	Introduction to Electromechanical

CTE ELECTIVE COURSES—CAREER CLUSTERS & PROGRAMS OF STUDY—TRADE & INDUSTRY EDUCATION—Continued

Engineering—Project Lead The Way—Program of Study

Course #	*Course Title*	*Type of Credit*	*Prerequisite*
206054	**Introduction to Engineering Design (H)**	**1 Elective Credit**	**Algebra I**
206052	Principles of Engineering (PE) (H)	1 Elective Credit	Intro. To Engineering Design
206053	Digital Electronics (DE) (H)	1 Elective Credit	Intro. to Engineering Design **and** Principles of Engineering

Specialization Courses

Course #	*Course Title*	*Type of Credit*	*Prerequisite*
206055	Computer Integrated Manufacturing (CIM) (H)	1 Elective Credit	Intro. To Engin. Design **and** DE **and** PE
206056	Civil Engineering and Architecture (CEA) (H)	1 Elective Credit	Intro. To Engin. Design **and** DE **and** PE
206057	Aerospace Engineering (AE) (H)	1 Elective Credit	Intro. To Engin. Design **and** DE **and** PE

Capstone Course

Course #	*Course Title*	*Type of Credit*	*Prerequisite*
206059	Engineering Design and Development (H)	1 Elective Credit	Intro. To Engin. Design **and** DE **and** PE **and** one Specialization Course above

TRANSPORTATION

Automotive Technology

Course #	*Course Title*	*Type of Credit*	*Prerequisite*
5879	**Maintenance & Light Repair I**	**1 Elective Credit**	**None**
5880	Maintenance & Light Repair II	1 Elective Credit	MLR I
5881	Maintenance & Light Repair III	1 Elective Credit	MLR II

6051 Industrial Electricity I
This course will provide basic skills and knowledge related to residential and commercial electrical systems. Course content includes safe practices, Ohm's law, installing conduit, conductors, residential and commercial electrical systems, and services according to National Electrical code (NEC) and local codes. This course gives students an introduction to the skill and knowledge base typically required for apprentice electricians.

106051 Industrial Electricity II
This is a course in which students will learn and practice intermediate skills related to electrical systems, with emphasis on commercial systems. Topics covered include overcurrent protection, sizing conductors, lighting systems, three-phase motors, motor control circuits, sizing raceways, boxes, and fittings. This course gives students a substantial skill and knowledge foundation typically required for apprentice electricians.

6155 Principles of Law, Corrections, and Security
This course is an introductory course designed to prepare students to pursue careers in the fields of law enforcement, legal services, corrections, and security. Upon completion of this course, a proficient student will be able to identify careers in these fields, summarize the laws that govern the application of justice, and draw key connections between the history of the criminal justice system and the modern legal system. In addition, students will model the professional, moral, and ethical standards required of professionals in the fields of law, legal services, corrections, and security.

5987 Criminal Justice I (DC)
Criminal Justice I is the first level of study of criminal justice careers, and prepares students for work-related knowledge and skills for advancement into the second level of criminal justice careers. Course content focuses on areas comprised of planning, managing, and providing judicial, legal, and protective services. The course is an overview of the legal justice system and builds a better understanding of the development of laws on state, federal, and international levels. New technology and career opportunities in criminal justice are an integral part of the course content. Based on the content of the course, the student will test for certification in Cardio Pulmonary Resuscitation (CPR). ***Students in this class will be required to take the State Dual Credit Exam. There is no cost to take this exam and a student who passes this exam will have college credit on his/her high school transcript.***

5988 Criminal Justice II
Criminal Justice II will offer an in-depth study of criminal justice careers in which current criminal justice careers issues will be discussed and debated. Local, state, federal, and international laws will be analyzed. Subject matter will include a comparison of the criminal justice careers in the United States with other countries. Students will have opportunities to participate in mock trials and field trips with criminal justice careers emphasis. Course content will introduce new technology, effects of forensic analysis, and career opportunities. The course content will include information for planning, managing, and providing judicial, criminal justices.

5989 Criminal Justice III: Investigation
In Criminal Justice III, students will apply knowledge gained in Criminal Justice Careers I and II through the use of research exercises. American Psychological Association (APA) research guidelines, a professional standard, will provide the format basis. The course will call upon students to engage in a variety of professionally used information-gathering techniques, including conducting interviews, making observations at courthouses, researching, formulating, and evaluating statistical data through Place-Based Learning. The individual and group activities will help students develop problem-solving and teamwork skills in conjunction with development of academic skills.* This program uses as its foundation work-place related experiences, students are expected to travel outside the classroom as part of their research-gathering activities that will provide more context, detail,

and real-life activities. This course is designed for seniors in preparation for continuing education in the areas of criminal justice careers.

5922 Principles of Manufacturing
This course is designed to provide students with exposure to various occupations and pathways such as Machining Technology, Electromechanical Technology, Mechatronics, and Welding. Throughout this course, students will develop an understanding of the general steps involved in the manufacturing process and master the essential skills to be an effective team member in a manufacturing production setting.

6091 Introduction to Electromechanical
This course introduces students to basic electromechanical skills necessary in a manufacturing facility. Topics covered include safety, construction drawings, site layout, hand and power tools, linear and angular measurements, and application of algebraic and geometric principles to construction problems.

6090 Advanced Electromechanical Technology
This course is designed to provide students with the knowledge and skill to effectively perform basic industrial maintenance procedures in an advanced manufacturing facility. Students in this course develop proficiency in a vast array of electromechanical domains, including: fundamental safety practices in electromechanical technology, shielded metal arc welding (SMAW), basic metal inert gas (MIG) welding, electrical systems, AC and DC motors, calibrating instruments, drive systems, pipe fabrication, hydraulic systems, pumps, digital electronics, programmable logic controllers (PLC), and troubleshooting procedures.

206054 Introduction to Engineering (H) (PLTW)
This course teaches problem-solving skills using a design development process. Models of product solutions are created, analyzed, and communicated using solid modeling computer design software.

206052 Principles of Engineering (PE) (H) (PLTW)
Principles of Engineering is a course that helps the student to understand the field of engineering/engineering technology. The course explores various technology systems and manufacturing processes to help the student to learn how engineers and technicians use math, science, and technology in an engineering problem solving process to benefit people. The course also includes concerns about social and political consequences of technological change.

206053 Digital Electronics (DE) (H) (PLTW)
This is a course in applied logic that encompasses the application of electronic circuits and devices. Computer simulation software is used to design and test digital circuitry prior to the actual construction of circuits and devices.

206055 Computer Integrated Manufacturing (CIM) (H) (PLTW)
Students learn concepts of robotics and automated manufacturing by creating 3-D designs with modeling software. Students design and produce actual working models.

206056 Civil Engineering and Architecture (CEA) (H) (PLTW)
This course provides an overview of the fields of Civil Engineering and Architecture, while emphasizing the interrelationship and dependence of both fields on each other. Students use state of the art software to solve real world problems and communicate solutions to hands-on projects and activities. This course covers topics such as: The Roles of Civil Engineers and Architects; Project Planning; Site Planning; Building Design; and Project Documentation and Presentation.

206059 Engineering Design and Development (EDD) (H) (PLTW)
An engineering research course in which students work in teams to research, design, and construct a solution to an open-ended engineering problem. Students apply principles developed in the four preceding courses and are guided by a community mentor. They must present progress reports, submit a final written report and defend their solutions to a panel of outside reviewers at the end of the school year.

5879 Maintenance & Light Repair I (905812)
This course prepares the student for entry into Maintenance & Light Repair II. The student explores career opportunities and requirements of a professional service technician. Content emphasizes beginning transportation services skills and workplace success skills. The student studies safety, tools, equipment, shop operations, basic engine fundamentals and basic technician skills. Upon completing all of the Maintenance & Light Repair courses, students may enter automotive service industry as an ASE Certified MLR Technician.

5880 Maintenance & Light Repair II
This is a course that prepares students for entry into Maintenance and Light Repair III. Students study automotive general electrical systems, starting and charging systems, batteries, lighting, and electrical accessories. Upon completing all of the Maintenance and Light Repair courses, students may enter automotive service industry as an ASE Certified MLR Technician.

5881 Maintenance & Light Repair III
This course prepares students for entry into Maintenance and Light Repair IV. Students study and service suspension and steering systems and brake systems. Upon completing all of the Maintenance and Light Repair courses, students may enter automotive service industry as an ASE Certified MLR Technician.